



1933

## Ursinus College Catalogue, 1933-1934

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Vol. XXXII, No. 1

First Quarter, 1934

THE  
URSINUS COLLEGE  
BULLETIN

CATALOGUE



1933-1934

Published by Ursinus College  
Collegeville, Pennsylvania

CATALOGUE

OF

URSINUS COLLEGE

1933 - 1934

"An Institution where the youth of  
the land can be liberally educated  
under the benign influence of  
Christianity."—*The Founders.*

PUBLISHED BY URSINUS COLLEGE  
COLLEGEVILLE, PENNSYLVANIA

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# 1934

JANUARY							FEBRUARY							MARCH						
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# 1935

JANUARY							FEBRUARY							MARCH						
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28	29	30	31	.	.	.	25	26	27	28	29	30	31	29	30	.	.	.	.	.

## CALENDAR

1934

Jan. 30, Tuesday,	SECOND SEMESTER begins, 8 a. m.
Mar. 8, Thursday,	Founders' Day.
Mar. 24, Saturday	EASTER RECESS begins, 12 m.
Apr. 3, Tuesday	RECESS ends, 8 a. m.
Apr. 19, Thursday,	Last day for making room deposits.
May 8, Tuesday,	Last day for filing schedules for 1934-35.
May 10, Thursday,	Last day for submitting honor papers.
May 28, Monday,	Second Semester Examinations begin.
June 8, Friday,	Class Day Exercises, 2 p. m.
June 8, Friday,	Senior Play, 8 p. m.
June 9, Saturday,	Annual Meeting of the Directors, 10 a. m.
June 9, Saturday,	Alumni Meeting, 1 p. m.
June 9, Saturday,	Alumni Banquet, 5.30 p. m.
June 9, Saturday,	President's Reception, 8 p. m.
June 10, Sunday,	Baccalaureate Service, 10.45 a. m.
June 10, Sunday,	Oratorio, 8 p. m.
June 11, Monday,	Commencement, 10 a. m.
Sept. 15, Saturday,	Freshman Pre-matriculation Program begins.
Sept. 18, Tuesday,	Registration and Matriculation of Students.
Sept. 19, Wednesday,	Registration and Matriculation of Students.
Sept. 20, Thursday	Instruction begins, 9 a. m.
Sept. 20, Thursday	Opening Address, 8 p. m.
Oct. 1, Monday,	Last Day, registration for Department Honors.
Oct. 18, Thursday,	Examinations for College standing.
Nov. 28, Wednesday,	THANKSGIVING RECESS begins, 5 p. m.
Dec. 3, Monday,	RECESS ends, 8 a. m.
Dec. 19, Wednesday,	CHRISTMAS RECESS begins, 5 p. m.

1935

Jan. 3, Thursday,	RECESS ends, 8 a. m.
Jan. 17, Thursday,	First Semester Examinations begin.
Jan. 29, Tuesday,	SECOND SEMESTER begins, 8 a. m.
Feb. 14, Thursday,	Founders' Day.*
Apr. 13, Saturday	EASTER RECESS begins, 12 m.
Apr. 23, Tuesday,	RECESS ends, 8 a. m.
June 7, Friday,	Commencement Exercises begin.
June 10, Monday,	Commencement Exercises end.
Sept. 17, Tuesday,	ACADEMIC YEAR begins.

\* Date subject to change.

## HISTORICAL STATEMENT

The beginning of educational work on the grounds occupied by Ursinus College was in Todd's School, opened in 1832 "for the use of the neighborhood and its vicinity," the tract on which the school was located having been donated by Andrew Todd.

In the year 1848, a school for the higher education of young men was established on the tract adjoining that of Todd's School, now central in the campus. The school was named "Freeland Seminary." Within a period of twenty years, more than three thousand young men from Pennsylvania, New Jersey, Maryland and Delaware received their education at this school.

In 1868, a body of men, actuated by a desire to serve the interests of higher education and evangelical Christian religion, met in the city of Philadelphia and resolved to found "an institution where the youth of the land can be liberally educated under the benign influence of Christianity." Ruled by this desire, they chose as the name of their institution that of one of the most distinguished reformers and scholars of the Reformation period, *Ursinus*, of the University of Heidelberg.

The Act of Incorporation under which Ursinus College is conducted was granted by the Legislature of Pennsylvania, February 5, 1869, and is as follows:

### AN ACT

#### TO INCORPORATE URSINUS COLLEGE

SECTION 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania in General Assembly met, and it is hereby enacted by the authority of the same, that there shall be and hereby is erected, established and incorporated in Upper Providence Township, in the County of Montgomery, in this Commonwealth, an institution of learning, for the purpose of imparting instruction in Science, Literature, the Liberal Arts and Learned Professions by the name, style and title of URSINUS COLLEGE.



## Historical Statement

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SECTION 2. Said College shall be under the care and management of a Board of Directors not exceeding twenty-one in number, who, with their successors in office, shall be and are hereby declared to be one body politic and corporate in deed and in law, to be known by the name, style and title of Ursinus College, and by the same shall have perpetual succession, and shall be able to sue and be sued, plead and be impleaded in all courts of law and equity, and shall be capable in law and equity to take, hold and purchase for the use and benefit of said College any estate in any messuages, lands, tenements, goods, chattels, moneys and other effects of any kind whatever, by gift, grant, bargain, sale, conveyance, assurance, will, devise or bequest from any person or persons, body politic or corporate, either municipal or otherwise whatsoever capable of lawfully making the same, and the same from time to time to grant, bargain, sell, convey, mortgage, farm, let, place out at interest, or otherwise dispose of for the use and benefit of said College; *Provided, however,* That no bequest or donation made to and accepted by said Board for specific educational objects shall ever be diverted from the purposes designated in the conditions of such gift and acceptance.

SECTION 3. That the Board of Directors shall have power to establish, from time to time, in said College, such departments of study and instruction as they may deem expedient, and to provide libraries, apparatus, cabinets, endowments and all other needful aids for imparting full and thorough courses of instruction therein. They may appoint a faculty or faculties, professors, lecturers and teachers, prescribe their respective duties, fix their compensation, and remove them, or any of them, as, from time to time, the interests of the College may require; they shall have power to purchase or erect buildings for the accommodation of students, professors and officers, and for other needful purposes; to establish rules and regulations for the government of students and officers, and to do all and singular such other things and matters as may be requisite for the well ordering and proper management of the affairs of said College.

SECTION 4. That the said Board of Directors shall at first consist of the persons herein named, to wit: *James Koons, Sr., J. Knipe, W. D. Gross, H. W. Kratz, A. Kline, H. K. Harnish, Abraham Hunsicker, Sr., J. W. Sunderland, John Wiest, A. W. Myers, H. H. W. Hibshman, A. Van Haagen, J. H. A. Bomberger, J. G. Wiehle, J. Dahlman, Jr., Emanuel Longacre, George Schall, W. L. Graver, William Sorber, Nathan Pennypacker, N. Gehr*, who, or any nine of them, on the passage of this act, or at any time within three months thereafter, may meet and organize by electing a President and Secre-

tary, and accepting this act, the evidence of which shall be the duly authenticated record of such meeting and action.

SECTION 5. That the Board of Directors shall have power to fill all vacancies in their own body, to expel any member thereof who shall be guilty of infamous conduct and to declare vacant the seat of any member who shall have, for three consecutive years, failed to attend the stated meetings of the Board; to appoint, from time to time, such additional officers and agents of their own body as may be deemed requisite, including a Treasurer, who shall always give ample security for the funds entrusted to his keeping; to adopt a common and corporate seal, by and with which all deeds, certificates, appointments and acts of said Board, signed by their President and attested by their Secretary, shall pass and be authenticated, and the same seal at their pleasure to break, alter or renew.

SECTION 6. That the said Board of Directors, at any meeting subsequent to their organization called for the purpose, and of which due notice shall have been given to each member, may adopt and establish a Constitution and By-Laws for the government of their own body, not inconsistent with this act, the laws of the State or the laws of the United States, which Constitution and By-Laws shall not thereafter be altered, amended or repealed except in the manner therein provided.

SECTION 7. That the faculty of any organized department in the College may, with the advice and consent of the Board of Directors, and under such regulations as they may prescribe, confer the degrees, honors, and dignities usually conferred by similar departments in the Colleges and Universities of this Commonwealth.

SECTION 8. That no misnomer of this corporation shall defeat or annul any gift, grant, devise or bequest to or from the said corporation: *Provided*, The intent of the parties shall sufficiently appear upon the part of the gift, grant, will, or other writing whereby such state or interest was intended to pass to or from said corporation.

The corporation was organized at a meeting of the Directors held in the city of Philadelphia, February 10, 1869. A permanent seat for the College was sought near Philadelphia. Attracted by the beauty of the region of Perkiomen Bridge, where Freeland Seminary had flourished for twenty years, and impressed by the reputation of the community for its interest in education, the Board of Directors purchased the property of Freeland Seminary, and incorporated the latter into Ursinus

College as its preparatory department. About this time the United States postal authorities named the post office at Perkiomen Bridge, Collegeville. Instruction was begun September 6, 1870. In 1881 the doors of the College were opened to women. The Academy was discontinued in 1910.

The Ursinus School of Theology was organized June 1, 1871, and opened for instruction the following September. The School was conducted at Collegeville in connection with the College till 1898, when it was removed to Philadelphia. March 8, 1907, a Compact of Union was ratified by the Board of Directors of Ursinus College, by which the instruction of the Ursinus School of Theology is conducted in the Central Theological Seminary, located at Dayton, Ohio.

Collegeville is on the Benjamin Franklin Highway and is twelve miles distant from the Lincoln Highway. It is easy of access by the Philadelphia and Reading Railway from Philadelphia, Allentown or Reading. Motor coaches connecting Collegeville with Reading, Pottstown, Norristown and Philadelphia pass the College campus. The College grounds cover sixty-six acres, including an improved campus of twelve acres, tennis courts, athletic fields, and several fields for agriculture.

## NEEDS

The College constantly employs fully the equipment and resources at its disposal. The steady growth of the institution should encourage its friends to provide for its further needs. The following present exceptional opportunities for gifts and memorials: endowment of scholarships, \$2,000 to \$5,000 each; endowment of professorships, \$50,000 and upwards; general endowment funds, \$500 and upwards; a woman's building, \$150,000; science building endowment, \$300,000; an infirmary, \$25,000. The counsel of the President of the College should be sought with a view to securing the most advantageous co-operation on the part of benefactors.



## GIFTS AND BEQUESTS

It is the judgment of those who have had the responsibility of disposing of large fortunes that Education furnishes the most promising field for benevolence. The great philanthropic foundations after discriminating scientific inquiry into the ways and means of doing good with accumulated wealth, have made Education their chief objective. The findings of these philanthropic agencies may be accepted for the guidance of others.

The practice of making donations during one's life rather than making bequests to be executed after death is recommended. In this way the donor has absolute assurance that his wishes are being carried out, he has the satisfaction of seeing his gift bearing fruit in the improved work of the institution, and he avoids the deflection of part of his proposed gift in the form of inheritance taxes.

In cases in which the donor needs the income of his estate in order to live, a very satisfactory arrangement is provided in Ursinus College Annuity Bonds which the College issues in exchange for cash or property. Annuity Bonds guarantee a fixed income to the donor payable semi-annually during the period of his natural life, at the end of which the bonds become null and void and the gifts which they represent continue as permanent possessions of the College.

When, however, it is decided to make a bequest care should be taken to have all testamentary papers signed, witnessed and executed in strict accordance with the statutory laws of the State in which the testator resides. In all cases the name of the corporation should be accurately given, as in the following form:

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, its successors and assigns forever, the sum of..... dollars, for its several corporate purposes (or name the particular corporate purpose desired by the testator).

## THE DIRECTORS

	First Elected	Term Expires
JAMES M. ANDERS, M.D., Sc.D., LL.D., Philadelphia,	1894	1934
REV. TITUS A. ALSPACH, D.D., Lancaster,	1925	1935
HON. ANDREW R. BRODBECK, LL.D., Hanover,	1905	1935
HON. THOMAS E. BROOKS, Red Lion,	1921	1936
CHARLIE C. BURDAN, Pottstown,	1921	1936
REV. I. CALVIN FISHER, D.D., Lebanon,	1905	1936
EDWIN M. FOGEL, Ph.D., Fogelsville,	1930	1935
EDWARD S. FRETZ, Collegeville,	1925	1935
FRANCIS J. GILDNER, Esq., A.B., Allentown,	1924	1934
DONALD L. HELFFRICH, Esq., A.B., Philadelphia,	1927	1937
ABRAHAM H. HENDRICKS, Esq., B.S., Collegeville,	1914	1934
REV. GEORGE W. HENSON, D.D., Philadelphia,	1911	1936
EDWIN M. HERSHEY, Esq., A.B., Harrisburg,	1926	1936
ALVIN HUNSICKER, B.S., Atlantic City,	1916	1936
RHEA DURYEA JOHNSON, A.B., Philadelphia,	1928	1938
WHORTEN A. KLINE, Litt.D., Collegeville,	1912	1937
MAYNE R. LONGSTRETH, Esq., A.M., Philadelphia,	1907	1937
REV. J. W. MEMINGER, D.D., Lancaster,	1896	1936
RALPH E. MILLER, A.B., Collegeville,	1924	1938
GEORGE L. OMWAKE, PED.D., LL.D., Collegeville,	1906	1936
HARRY E. PAISLEY, LL.D., Philadelphia,	1907	1937
HENRY T. SPANGLER, D.D., LL.D., Collegeville,	1884	
JOSEPH M. STEELE, Philadelphia,	1913	1934
REV. CALVIN D. YOST, A.M., D.D., Collegeville,	1916	1935

## COMMITTEES OF THE BOARD OF DIRECTORS

*Executive Committee*

A. H. HENDRICKS	G. L. OMWAKE
H. E. PAISLEY	E. S. FRETZ
C. D. YOST	W. A. KLINE

*Committee on Finance*

E. S. FRETZ	H. E. PAISLEY
G. L. OMWAKE	C. C. BURDAN
M. R. LONGSTRETH	

*Committee on Buildings and Grounds*

R. E. MILLER	W. A. KLINE
A. H. HENDRICKS	G. L. OMWAKE

*Committee on Instruction*

J. M. ANDERS	C. D. YOST
G. L. OMWAKE	W. A. KLINE
D. L. HELFFRICH	

THE ADVISORY COUNCIL

\*CYRUS H. K. CURTIS, LL.D., Philadelphia

ALBA B. JOHNSON, LL.D., Philadelphia

JOSIAH H. PENNIMAN, LL.D., Philadelphia

OFFICERS OF THE CORPORATION

*President*

HARRY E. PAISLEY  
Philadelphia

*First Vice-President*

C. C. BURDAN  
Pottstown, Pa.

*Second Vice-President*

THOMAS E. BROOKS  
Red Lion, Pa.

*Chairman, Executive Committee*

A. H. HENDRICKS  
Collegeville, Pa.

*Secretary*

CALVIN D. YOST  
Collegeville, Pa.

*Treasurer*

EDWARD S. FRETZ  
Collegeville, Pa.

---

\*Died June 7, 1933.

## OFFICERS OF ADMINISTRATION

- GEORGE L. OMWAKE, A.M., B.D., PED.D., LL.D., *President*  
REV. WHORTEN A. KLINE, A.M., B.D., LITT.D., *Dean*  
REV. FRANKLIN I. SHEEDER, JR., A.M., B.D., *Registrar*  
REV. CALVIN D. YOST, A.M., D.D., *Librarian*  
GLADYS M. BARNES, A.B., *Assistant Librarian*  
ELIZABETH B. WHITE, PH.D., *Dean of Women*  
REV. JOHN LENTZ, D.D., *Pastor, Trinity Church and College Pastor*  
JOHN B. PRICE, A.M., M.D., *College Physician*  
RUSSELL C. JOHNSON, B.S., *Director of Athletics*  
SARA E. ERMOLD, *Assistant Treasurer*  
JAMES R. RUE, *Chief Accountant*  
HARRY M. PRICE, *Steward*  
MRS. KATHRYN B. PRICE, *Dietitian*  
N. BLANCHE DEATRICK, *Superintendent of Dormitories*  
MRS. MAY H. RAUCH, B.S., *College Hostess*  
MRS. GRACE S. CORDRY, *College Hostess*  
CAMILLA B. STAHR, A.B., *Preceptress*  
MRS. ELLA N. ERMOLD, *Preceptress*  
GLADYS H. MAYBERRY, R.N., *Resident Nurse and Preceptress*  
MARGARET WALKER, *Preceptress*  
MRS. RUTH HOLT BURNS, *Secretary to the President*  
RUTH SLOTTERER, *Secretary to the Dean*  
EVELINE BEAVER OMWAKE, A.B., *Secretary, Science Building*  
HARVEY K. LESHER, *Caretaker and Farm Manager*



## THE FACULTY

GEORGE LESLIE OMWAKE, PED.D., LL.D.,

*President, and Professor of the History of the Christian Church.*

A.B., Ursinus College, 1898, and A.M., 1901; B.D., Yale University, 1901; Ped.D., Franklin and Marshall College, 1910; LL.D., 1923; LL.D., Lafayette College, 1923; Student in Theology, Philosophy and Education, Yale University, 1898-1901; Ursinus College, 1901; Dean, 1903-09; Vice-President, 1909-12; President, 1912. Member, American Academy of Political and Social Science; Historical Society of Pennsylvania.

REV. WILLIAM WELLS JORDAN, A.M., D.D.,

*Professor of the English Bible, Emeritus.*

A.B., Marietta College, 1879; A.M., 1891, and D.D., 1899; B.D., Yale University, 1882; Graduate Student, Yale University, 1882-83; Instructor, Russel Military Institute, New Haven, 1882-83, Pastor, 1883-1921; Ursinus College, 1921.

REV. WHORTEN A. KLINE, A.M., B.D., LITT.D.,

*Dean, and Professor of the Latin Language and Literature.*

A.B., Ursinus College, 1893; A.M., and B.D., 1896; Litt.D., 1913; Graduate Student in Latin, University of Pennsylvania, 1897-1901; Ursinus College, 1893; Dean, 1909; Member of the Classical Association of the Middle States and Maryland; Philadelphia Botanical Club.

HOMER SMITH, PH.D.,

*Professor of the English Language and Literature.*

A.B., Amherst College, 1891; Graduate Student, University of Pennsylvania, 1892-95; Ph.D., University of Pennsylvania, 1895; Instructor in English, University of Pennsylvania, 1892-98; Professor of English, Kamehameha School, Honolulu, 1899-1901; Acting Professor of English, Amherst College, 1901-03; Ursinus College, 1903. Member of the Modern Language Association.

MATTHEW BEARDWOOD, A.M., M.D., Sc.D.,

*Professor of Chemistry.*

A.B., Philadelphia Central High School, 1890, and A.M., 1895; M.D., Medico-Chirurgical College, 1894; Sc.D., Ursinus College, 1916; Special Student of Chemistry, University of Pennsylvania, 1890-91; Instructor in Chemistry, Medico-Chirurgical College, 1896-99; Lecturer on Clinical Chemistry, 1899-1900; Adjunct Professor of Chemistry, 1900-14; Professor of General Chemistry and Toxicology, 1914-16; Ursinus College, 1903; Member, The American Chemical Society; The Franklin Institute.



## JOHN WENTWORTH CLAWSON, A.M., Sc.D.,

*Professor of Mathematics.*

A.B., University of New Brunswick, 1901; A.B., Cambridge University, 1904; A.M., University of New Brunswick, 1905; Sc.D., Ursinus College, 1920; Lecturer in Astronomy, University of New Brunswick, 1904-05; Assistant in Physics, Ohio State University, 1905-06; Ursinus College, 1907. Member, American Mathematical Society; Mathematical Association of America; Fellow, American Association for the Advancement of Science.

## REV. CALVIN DANIEL YOST, A.M., D.D.,

*Librarian, and Professor of the German Language and Literature.*

A.B., Ursinus College, 1891; A.M., 1895, and B.D., 1907; D.D., Heidelberg College, 1925; Student, Ursinus School of Theology, 1891-93; Yale University, 1893-94; Principal, High School, Mahanoy City, Pa., 1896-1901; Pastor, 1894-96, 1901-07; General Secretary, Reformed Evangelical and Educational Union, 1907-10; Ursinus College, 1910. Member, Modern Language Association of America.

## CARL VERNON TOWER, Ph.D.,

*Professor of Philosophy.*

A.B., Brown University, 1893, and A.M., 1895; Fellow, Sage School of Philosophy, Cornell University, 1896-97; Ph.D., Cornell University, 1898; Instructor in Philosophy, University of Michigan, 1898-1900; Assistant to the President, Clark University, 1900-01; Professor of Philosophy, Knox College, 1901-02; University of Vermont, 1902-09; Assistant Professor of Philosophy, University of Michigan, 1909-10; Acting Professor of Philosophy, Trinity College, 1912-13; Ursinus College, 1913. Member, American Philosophical Association; The British Institute of Philosophical Studies; The American Sociological Society.

## JAMES LYNN BARNARD, Ph.D.,

*Professor of Political Science and Director of Social Studies for Teachers.*

B.S., Syracuse University, 1892; Ph.D., University of Pennsylvania, 1897; Professor of History and Political Science, Ursinus College, 1897-1904; Graduate Student, Columbia University, 1904-05; Social Work, New York and Philadelphia, 1905-06; Professor of History and Government, Philadelphia School of Pedagogy, 1906-20; Director of Social Studies, Department of Public Instruction, Pennsylvania, 1920-27; Ursinus College, 1927. Member, American Political Science Association; American Academy of Political and Social Science; American Association for Labor Legislation.

## MARTIN WEAVER WITMER, A.B.,

*Professor of English Rhetoric.*

A.B., Franklin and Marshall College, 1904; Graduate Student in English, University of Pennsylvania, 1913-14, 1919-24; Instructor in English, Latin and Greek, Union Seminary, New Berlin, Pa., 1904-05; Principal of Union Seminary, 1905-07; Instructor in English, Franklin and Marshall Academy, Lancaster, Pa., 1907-20; Ursinus College, 1920. Member, Modern Language Association of America.

## The Faculty

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### ELIZABETH BRETT WHITE, PH.D.,

*Dean of Women, and Professor of History.*

A.B., Cornell University, 1904; Student, University of Lausanne, 1913; A.M., University of Wisconsin, 1917; Student, Clark University, 1919-20; Ph.D., Clark University, 1920; Walnut Spring, N. C., Presbyterian Board of Home Missions, 1904-06; Pennsylvania College for Women, 1912-19, 1920-24; Pennsylvania State College, School of Education, Extension Department, 1921-24; Ursinus College, 1924. Member, American Historical Association.

### JAMES LANE BOSWELL, PH.D.,

*Professor of Economics and Business Administration.*

A.B., Georgetown College, 1920; A.M., University of Pennsylvania, 1923; Ph.D., 1933; Student, University of Toulouse, 1919; Graduate Student, University of Pennsylvania, 1921-28; Columbia University, Summer, 1924; Instructor, Secondary Schools, 1920-23; Ursinus College, 1923. Member, American Academy of Political and Social Science; American Economic Association.

### RUSSELL DAVIS STURGIS, PH.D.,

*Professor of Analytical Chemistry.*

A.B., University of Delaware, 1919; M.S., University of Pennsylvania, 1921; and Ph.D., 1924; Assistant in Chemistry, Massachusetts Agricultural College, 1919-20; Instructor in Chemistry, University of Pennsylvania, 1920-24; Professor of Chemistry, Franklin and Marshall College, 1924-25; Ursinus College, 1925. Member, American Chemical Society.

### GEORGE RUSSELL TYSON, A.M.,

*Professor of Education.*

B.S., University of Pennsylvania, 1916, A.M., 1922; Graduate Student, 1916-17, Harrison Fellow in Education, University of Pennsylvania, 1919-21; Specialist in Testing and Grading in United States Army, 1920; Professor of Education and Director of the Summer School, Cornell College, 1921-27; Ursinus College, 1927. Member, National Society of College Teachers of Education.

### NORMAN EGBERT McCCLURE, PH.D.,

*Professor of the English Language and Literature.*

A.B., Ursinus College, 1915; A.M., Pennsylvania State College, 1916; Ph.D., University of Pennsylvania, 1925; Instructor in English, Pennsylvania State College, 1915-17; Professor of English, Pennsylvania Military College, 1917-28; Registrar, Pennsylvania Military College, 1918-28; Ursinus College, 1928. Member, Modern Language Association.

### WILLIAM WALLACE BANCROFT, PH.D.,

*Professor of Philosophy.*

A.B., Ursinus College, 1919; Graduate, Princeton Theological Seminary, 1920; Scholar in Philosophy, University of Pennsylvania, 1920-21; A.M., 1921; Student in English, 1921-23; Student in Philosophy, 1929-31; Ph.D., 1931; Ursinus College, 1925. Member, The British Institute of Philosophical Studies; American Association for the Advancement of Science.

**JOHN HAROLD BROWNBAC, A.B.,***Professor of Biology.*

A.B., Ursinus College, 1921; Graduate Student and Instructor in Zoölogy, University of Pennsylvania, 1921-26; Ursinus College, 1926. Member, American Association for the Advancement of Science; American Entomological Society.

**PHILIP H. GOEPP, Mus. Doc.,***Professor of Music.*

A.B., Harvard University (Honors in Music), 1884; B.L., University of Pennsylvania, 1888; Mus. Doc., Temple University, 1919; Mus. Doc., Philadelphia Musical Academy, 1930. Author, "Symphonies and Their Meanings," 3 vols. Ursinus College, 1930.

**REV. FRANKLIN IRVIN SHEEDER, JR., A.M., B.D.,***Registrar, and Associate Professor of Religion.*

A.B., Ursinus College, 1922; A.M., University of Pennsylvania, 1929; B.D., Central Theological Seminary, 1925; Student, University of Pennsylvania, Summer, 1922; Student, Central Theological Seminary, Dayton, Ohio, 1922-25; Graduate Student, University of Pennsylvania, 1926-29; Graduate Student, University of Chicago, 1929-30; Ursinus College, 1925. Member, Religious Education Association.

**MAURICE O. BONE, B.C.S.,***Associate Professor of Economics and Business Administration.*

B.C.S., Northwestern University, 1924; Graduate, Illinois State Normal University, 1920; Summer Sessions, 1920, 1921, and 1922; Instructor in secondary schools, 1920-22; Auditor and Comptroller, Clark Furniture Company, 1924-28; Graduate Student and Instructor in Accounting, Northwestern University, 1928-29; Ursinus College, 1929. Member, American Association of University Instructors in Accounting; American Economics Association.

**HARVEY LEWIS CARTER, A.M.,***Associate Professor of History and Public Speaking.*

A.B., Wabash College, 1927; A.M., University of Wisconsin, 1928; Summer Sessions, 1930, 1931, 1932; Clarence G. Campbell Fellow in History, 1927-28; Ursinus College, 1928. Member, American Historical Association; Foreign Policy Association.

**OSCAR EDWARD GERNEY, M.S.,***Associate Professor of Physical Education.*

B.S., Temple University, 1925; M.S., 1926; Graduate, Departments of Physical Education, University of Pennsylvania and Temple University. Instructor in Gymnastics, University of Pennsylvania, 1908-14; Head of Department, Physical Education, North East High School, Philadelphia, 1914-32; Director, Camp Happy, Philadelphia, 1925 to date. Ursinus College, 1931. Member Phi Epsilon Kappa, American Physical Education Association, Society of Directors of Physical Education in Colleges.



## The Faculty

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REGINALD S. SIBBALD, A.M.,

*Associate Professor of French and Spanish.*

LL.B., University of Colorado, 1921; A.B., 1922; A.M., 1926. Graduate Student, New York University, 1928-29; University of Pennsylvania, 1929-33. Instructor in Romance Languages, University of Colorado, 1923-27; West Virginia University, 1927-28; Instructor in French, New York University, 1928-29; Drexel Institute, 1929-30. Ursinus College, 1931. Member, Modern Language Association.

JOHN W. MAUCHLY, Ph.D.,

*Associate Professor of Physics.*

Ph.D., The Johns Hopkins University, 1932. Assistant in Physics, The Johns Hopkins University, 1929-1933; Ursinus College, 1933. Member, American Physical Society; The Franklin Institute.

MARCUS CALVIN OLD, Ph.D.,

*Assistant Professor of Biology.*

A.B., Lehigh University, 1923; A.M., 1925; Ph.D., University of Michigan, 1930; Graduate Student and Instructor in Biology, Lehigh University, 1923-25; Professor of Biology, Olivet College, 1925-26; Graduate Student and Instructor in Zoölogy, University of Michigan, 1926-29; University of Michigan Graduate School Fellowship, 1929-30; Ursinus College, 1930. Member, American Association for the Advancement of Science; American Microscopical Society; Ecological Society of America.

FRANK LEROY MANNING, M.S.,

*Assistant Professor of Mathematics.*

B.S., Cornell University, 1919; M.S., Rutgers University, 1924; Instructor, Rutgers University, 1923-24; Graduate Student, University of Michigan, Summer Sessions, 1929 to 1930; High School Instructor, 1924-26; Principal, 1926-28; Instructor in Mathematics, Clarkson College of Technology, 1928-30; Ursinus College, 1930; Mathematical Association of America.

EUGENE BACHMAN MICHAEL, A.M.,

*Assistant Professor of Education.*

A.B., Ursinus College, 1924; A.M., University of Pennsylvania, 1928; Graduate Student, University of Pennsylvania, 1924-28; Instructor, secondary schools, 1924-30; Ursinus College, 1930.

DONALD GAY BAKER, Ph.D.,

*Assistant Professor of the Greek Language and Literature.*

A.B., Haverford College, 1926; A.M., Harvard University, 1929; Ph.D., 1932; Teacher of Latin and Greek, St. George's School, Newport, R. I., 1926-28; Graduate Student, Harvard University, 1928-32; Ursinus College, 1932.

**JEANETTE DOUGLAS HARTENSTINE,***Instructor in Voice Culture and Choral Singing.*

Student under W. A. Weiser, five years; Metropolitan College of Music, New York, one year; E. Presson Miller, New York, six years; German Operatic Roles under Siegfried Behrens; English, Italian and French Opera under Emil Knell and Jose Van den Berg; Student in Voice under Zerffi; Private Teacher and Director of choirs and oratorios; Leading rôles in English Grand Opera; Ursinus College, 1923.

**RUSSELL CONWELL JOHNSON, B.S.,***Instructor in Athletics and Coach of Baseball.*

B.S., Ursinus College, 1916; Organized Baseball (Philadelphia Athletics, 1916, 1917, 1927, 1928), (Baltimore, 1928), (Allentown, 1929); Independent Clubs, 1920-26; Baseball Coach, Bucknell University, 1922; Baseball Coach, Lehigh University, 1926-27; Experimental and Research Work, Bethlehem Steel Coke Plant, Bethlehem, Pa., 1923-25; Director of Athletics and Baseball Coach, Ursinus College, 1930.

**ELEANOR F. SNELL, A.M.,***Instructor in Physical Education and Coach of Women's Athletics.*

A.B., University of Nebraska, 1923; A.M., Columbia University, 1929; Instructor in Physical Education, High School, Fort Madison, Iowa, 1923-25; East High School, Denver, Colorado, 1925-27; Graduate student, Columbia University, 1927-29; Instructor and critic teacher, State Teachers' College, Marquette, Michigan, 1929-30; Instructor in Physical Education, State Teachers' Colleges, Shippensburg and California, Pennsylvania, 1930-31. Ursinus College, 1931.

**JOSEPHINE XANDER SHEEDER, A.B.,***Instructor in Pageantry and Assistant in Religion.*

A.B., Ursinus College, 1921; Graduate Student, University of Pennsylvania, Summer, 1922; Teacher, High School, Lake City, Fla., 1921-22; High School, Wyoming, Del., 1922-23; Public Schools, Vallejo, Calif., 1923-24; Week-Day Schools of Religion, Dayton, Ohio, 1924-25; Graduate Student, University of Chicago, 1929-31; Ursinus College, 1925.

**PHILIP B. WILLAUER, A.M.,***Instructor in Political Science.*

A.B., Ursinus College, 1930; A.M., Clark University, 1931; Assistant in History and International Relations, Clark University, 1930-31; Graduate student, University of Pennsylvania, 1931-34. Ursinus College, 1931.

**DOROTHY MILLER OGDEN,***Instructor in Physical Education.*

Student under Carpenter, Tarasoff, Chalif Alberteiro, Ito, Wigman and Isidore Duncan. Assistant in Pageantry Dancing, Bryn Mawr College, 1916; Teacher of Dancing, Physical Education Department, High School, Junction City, Kansas, 1918-19; Baldwin School, 1929; Philadelphia Public Schools, 1920-32; Director, Miller Conservatory of Dancing, Philadelphia, 1920-32. Ursinus College, 1931.

## The Faculty

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**HARRY NELSON, B.S.,**

*Instructor in Physical Education.*

B.S., Temple University, 1930; Graduate Student in Physical Education, Temple University, 1930-31. Director of Swimming, North Branch, Y. M. C. A., Philadelphia, 1926-28; Camp Akiba, summer of 1931; Teacher Physical and Health Education, Junior High Schools, Philadelphia, 1928-30; North East High School, 1930-. Ursinus College, 1931.

**JOHN CREIGHTON McAVOY, B.S.,**

*Instructor in Athletics and Head Coach of Football.*

B.S., Dartmouth, 1928; Business, 1928-30; Assistant Coach, Football, Ursinus College, 1930. Head Coach, 1931.

**RALPH E. CHASE, M.S.,**

*Instructor in Physical Education, Basket Ball Coach and Assistant Football Coach.*

B.S., University of Pittsburgh, 1926; M.S., Temple University, 1933; Graduate student, University of California, and University of Southern California, 1928-29; Temple University, 1931-32; New York University, Summer Session, 1933; Coach Stanford University, 1928. Ursinus College, 1931.

**FRED E. FOERTSCH, B.S.,**

*Instructor in Physical Education.*

B.S., University of Pittsburgh, 1924; Graduate Student in Physical Education, University of Pittsburgh, University of Pennsylvania; Instructor in Physical Education, New Haven Normal School of Gymnastics, 1915-18; Head of Department, Physical and Health Education, Schenley High School, Pittsburgh, 1918-28; Assistant to the Director, Division of Physical and Health Education, Philadelphia, 1928-. Ursinus College, 1932. Member, American Physical Education Association.

**WILLIAM SCHUYLER PETTIT, M.S.,**

*Instructor in Inorganic Chemistry.*

B.S. in Chemistry, University of Pennsylvania, 1932; M.S., 1933; Graduate Scholar in Chemistry, University of Pennsylvania, 1932-33. Ursinus College, 1933. Member, American Chemical Society; The Franklin Institute.

**PAUL RAYMOND WAGNER, B.S.,**

*Assistant in Biology.*

B.S., Ursinus College, 1932. Graduate Student, University of Pennsylvania, 1932-33. Ursinus College, 1933.

**ANNA MINERVA UHRICH, A.B.,**

*Assistant in Physical Education.*

A.B., Ursinus College, 1932. Special student in Physical Education, 1932-33. Ursinus College, 1933.



## OFFICERS OF THE FACULTY

*Chairman*.....THE PRESIDENT  
*Secretary*.....PROFESSOR WITMER

## ACADEMIC COUNCIL

THE PRESIDENT	THE DEAN
PROFESSOR CLAWSON	PROFESSOR BANCROFT
	PROFESSOR MCCLURE

## ADVISERS

*Mathematics Group*, Professor Clawson  
*Chemistry-Biology Group*, Professor Sturgis  
*History-Social Science Group*, Professor Barnard  
*English Group*, Professor Smith  
*Modern Languages Group*, Professor Yost  
*Business Administration Group*, Professor Boswell  
*Physical Education Group*, Professor Brownback

## COMMITTEES

### *Admission and Standing*

THE PRESIDENT	PROFESSOR CLAWSON	PROFESSOR KLINE
	PROFESSOR SHEEDER	PROFESSOR WITMER

### *Library*

THE PRESIDENT	THE LIBRARIAN	PROFESSOR SMITH
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### *Scholarships*

THE PRESIDENT	PROFESSOR YOST	MR. JOHNSON
	PROFESSOR KLINE	PROFESSOR SHEEDER

### *Discipline*

THE PRESIDENT	THE DEAN	THE DEAN OF WOMEN
	PROFESSOR BOSWELL	PROFESSOR STURGIS

### *Study of College Problems*

PROFESSOR TYSON	PROFESSOR BROWNBACK
PROFESSOR MANNING	PROFESSOR SHEEDER

### *Student Organizations*

THE PRESIDENT	PROFESSOR BARNARD
	PROFESSOR MCCLURE

### *Council on Student Activities*

PROFESSOR BROWNBACK	DEAN WHITE	MRS. SHEEDER
PROFESSOR BARNARD		PROFESSOR BONE

### *Student Expenditures*

PROFESSOR BONE	PROFESSOR SHEEDER
MR. JOHNSON	

## ADMISSION

The first step in seeking admission to Ursinus College is the filing of a formal application together with a preliminary statement of qualifications by the applicant. Application blanks may be had by addressing the College. The College then secures from the school in which the applicant has been prepared a certificate embodying the school record of the candidate. All certificates of preparation should be sent by the school principal directly to the Dean of the College, by whom they are evaluated. Inquiry is made further into the character and fitness of the candidate to do the work of this institution, and if found qualified the applicant is notified and a place reserved for him in the College. *The process of matriculation is continued in the actual trial of all applicants during the first semester, at the end of which time their status as candidates is finally determined.*

Applicants who ranked in the upper half of their classes in the schools in which they received their preparation, applicants from other colleges, and candidates who shall have passed the examinations of the College Entrance Examination Board are admitted on certificate. The qualifications of others are determined by entrance examinations conducted by the College. Particulars regarding these examinations which are held at intervals during the year, may be gotten on application to the Registrar.

Every candidate admitted to College will be tested with reference to his achievement in major subjects and with reference to his mental aptitude at the time of matriculation with a view to determining his proper classification.

## TERMS OF ADMISSION

The unit used in determining the value of a study presented in satisfaction of the requirements for admission represents, in general, *a year's study in the subject in a secondary school, constituting approximately a quarter of a full year's work.*

Applicants for admission intending to present themselves as candidates for a degree at graduation must present 15 units from the following list. The studies printed in capitals are prescribed:

ENGLISH .....	3 units
A FOREIGN LANGUAGE .....	2 units
ALGEBRA .....	1.5 units
PLANE GEOMETRY .....	1 unit
HISTORY .....	1 unit
SCIENCE OR ADDITIONAL MATHEMATICS .....	1 unit
Elective, from the following studies .....	5.5 units
Latin	Economics
Greek	Government
German	Advanced Algebra
French	Solid Geometry
Spanish	Plane Trigonometry
Ancient History	Physical Geography
European History	Biology
English History	Physiology
American History	Physics
World History	Chemistry
Problems of Democracy	Mechanical Drawing

A limited number of applicants for admission may be received as *Special Students* provided they have satisfactory preparation for the college courses which they desire to pursue.

When admitted, special students are enrolled as members of the groups they choose to enter and are under the direction of the regular advisers. Special students must register for at least twelve hours of work in each semester, and are held accountable for the satisfactory completion of courses for which they register. They are subject to the same regulations as other students.

### ADMISSION STUDIES

The studies which may be presented in satisfaction of the requirements for admission are set forth below. A candidate must present, either by examination or by certificate, satisfac-

tory evidence of preparation in such of these studies as he may offer in accordance with the requirements in each as defined:

## ENGLISH

*Habits of correct, clear, truthful expression.* This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and indistinct enunciation.

*Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces.* This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first, designated as "Books for Reading," contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second, designated as "Books for Study," contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented by home reading on the part of the pupil and by class-room reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

## A. BOOKS FOR READING

## LIST FOR 1934-35

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted.

GROUP I.—Cooper: *The Last of the Mohicans*; Dickens: *A Tale of Two Cities*; George Eliot: *The Mill on the Floss*; Scott: *Ivanhoe* or *Quentin Durward*; Stevenson: *Treasure Island* or *Kidnapped*; Hawthorne: *The House of the Seven Gables*.

GROUP II.—Shakespeare: *Merchant of Venice*, *Julius Cæsar*, *King Henry V*, *As You Like It*, *The Tempest*.



GROUP III.—Scott: *The Lady of the Lake*; Coleridge: *The Ancient Mariner*; and Arnold: *Sohrab and Rustum*. A collection of representative verse, narrative and lyric. Tennyson: *Idylls of the King* (any four). *The Æneid* or the *Odyssey* or the *Iliad* in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the *Odyssey* and Books XI, XIII-XV and XXI of the *Iliad*; Longfellow: *Tales of a Wayside Inn*.

GROUP IV.—*The Old Testament* (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther); Irving: *The Sketch Book* (about 175 pages); Addison and Steele: *The Sir Roger de Coverley Papers*; Macaulay: *Lord Clive, or History of England, Ch. III*; Franklin: *Autobiography*; Emerson: *Representative Men*.

GROUP V.—A modern novel; a modern biography or autobiography; a collection of short stories (about 250 pages); a collection of contemporary verse (about 150 pages); a collection of scientific writings (about 150 pages); a collection of prose writings on matters of current interest (about 150 pages); a selection of modern plays (about 150 pages). All selections from this group should be works of recognized excellence.

## B. BOOKS FOR STUDY

LIST FOR 1934-35

One selection is to be made from each of Groups I and II, and two from Group III.

GROUP I.—Shakespeare: *Macbeth*, *Hamlet*.

GROUP II.—Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*—," *Instans Tyrannus*, *One Word More*.

GROUP III.—Burke: *Speech on Conciliation with America*; Macaulay: *Life of Johnson*; Lowell: *On a Certain Condescension in Foreigners*, and *Democracy*; Lincoln: *Speech at Cooper Union*, *Farewell to the Citizens of Springfield*, *Addresses at Indianapolis, Albany and Trenton*, the *Speeches in Independence Hall*, the *Two Inaugurals*, the *Gettysburg Speech* and his *Last Public Address*, together with a brief memoir or estimate of Lincoln; Carlyle: *Essay on Burns* with a brief selection from Burns's Poems. *Three units*.

## LATIN

The minimum requirement of candidates for admission may be met by two years of careful study. The student should acquire an accurate knowledge of the grammar and such vocabulary as will enable him to read passages of easy Latin at sight. The requirement may be met without regard to the prescription of particular authors but should be not less in amount than Cæsar: Gallic War, Books I-IV. *Two units.*

Candidates intending to pursue the study of Latin in College should qualify in one or two additional years' work in which there should be further drill in grammar and syntax and the reading of additional authors, preferably Cicero: the orations against Catiline, for the Manilian Law and for Archias. If two years work is offered it should include Vergil: The *Æneid*, Books I-IV, or the equivalent in amount from other Latin poetry. *One or two units.*

## GREEK

The candidate must show a mastery of the common forms, idioms and syntax of the language, and must know the rules of accent and their changes. He will be required to translate simple English sentences into Attic Prose, and translate, at sight, passages of ordinary difficulty taken from Xenophon. The following books will meet the requirement: White: First Greek Book, or an equivalent; Xenophon: *Anabasis*, books I-IV. *Two units.*

## FRENCH

*Elementary French.* The candidate should be able to pronounce French accurately and possess a thorough knowledge of the rudiments of grammar. He should be able to read at sight easy dialogue and modern French prose, and is required to put into French simple English sentences; to give abstracts of the portions of the texts already read; and to write French from dictation. He should have read from one hundred to one hundred and seventy-five pages of graduated French texts and from two hundred and fifty to four hundred pages of easy modern prose in the form of stories, plays, or historical or biographical sketches. To meet this requirement two years' work will generally be necessary. *Two units.*

*Intermediate French.* This should comprise the reading of four hundred to six hundred pages of French of ordinary difficulty, including at least two works of a dramatic character, the constant practice in giving French paraphrases, abstracts or reproductions from



memory of selected portions of the matter read, the study of a grammar of moderate difficulty, and writing from dictation. At least one additional year of study will be necessary to meet this requirement. *One unit.*

#### SPANISH

*Elementary Spanish.* The work should comprise constant drill in pronunciation, the rudiments of grammar, including the conjugation of the regular and more commonly used irregular verbs, the inflection of nouns, adjectives, and pronouns, and the general rules of syntax. There should be daily practice in translating at dictation Spanish into English and English into Spanish. Some 300 pages from representative modern authors should be carefully read. *Two units.*

*Intermediate Spanish.* This should comprise the reading of three hundred pages of modern Spanish of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving Spanish paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation. *One unit.*

#### GERMAN

*Elementary German.* The candidate must possess an accurate knowledge of the rudiments of grammar. He should give special attention to the acquisition of a good pronunciation and to the memorizing and frequent repetition of easy colloquial sentences, and cultivate readiness in the reproduction of natural forms of expression. He is expected to have read from seventy-five to one hundred pages of graduated texts from a reader, and from one hundred and fifty to two hundred pages of literature in the form of easy stories and plays. He must be able to read, at sight, easy dialogue or narrative prose; to put into German short English sentences taken from the language of everyday life and based upon the text offered for translation; and to reproduce in an offhand way, both orally and in writing, the substance of short and easy selected passages. *Two units.*

*Intermediate German.* An additional unit representing a third year's work, and comprising the reading of at least three hundred pages of moderately difficult prose and poetry, may be offered. Continued attention should be given to the grammar, including the less usual strong verbs and the syntax. Suitable reading for the third year may be found in such texts as Wildenbruch: *Das edle Blut*; Eichendorf: *Aus dem Leben eines Taugenichts*; Riehl: *Das Spiel-*

mannskind, Der stumme Ratsherr; Freytag: Die Journalisten; Moser: Der Bibliothekar; Schiller: Das Lied von der Glocke, Balladen; Goethe: Hermann und Dorothea. *One unit.*

#### HISTORY

*Ancient History.* The Orient should be surveyed with special reference to contributions to later civilization; Greece should be studied in outline to the time of the Persian wars and with thoroughness from that time to the death of Alexander. After Alexander emphasis should be laid on the philosophy, literature, art and religious cults to which Rome became heir. The second half of the year should be devoted to Rome, proceeding rapidly to about 300 B. C. and from that point to the death of Marcus Aurelius, the work should be relatively detailed and thorough. The study should be brought down to 800 A. D. *One unit.*

*European History.* If the course embraces Mediæval and Modern European history emphasis should be given to the contributions of the Roman Empire, the Germans, and the Christian Church to mediæval civilization. The structure of feudal society, the Crusades, the formation of the European states, the phases of the Renaissance and the Reformation and the discoveries outside of Europe should be stressed. If Modern European history only is included in the preparation, emphasis should be given to the absolute monarchy of Louis XIV, colonial expansion and rivalries, the constitutional monarchy in England, the despotism of Frederick the Great, the republican government of France, the Napoleonic epoch, and the main facts in the political development of Europe since 1815. *One unit.*

*English History.* Only brief reference to the period before 1066 need be made. Up to the time of the Tudors the treatment should be topical rather than exhaustive. The Norman Conquest relations with France, Scotland and Ireland, Magna Charta, the rise of parliamentary government, developments in the Christian Church, the struggle between Crown and Parliament, the wars with France including commercial and colonial expansion in America and the East, the revolt of the American colonies, the revolution in agriculture, industry and transportation are among the topics with which the candidate should be made familiar. Attention should be given to important epochs, movements and personalities rather than to the reigns of monarchs. *One unit.*

*American History.* The period prior to 1763 may be treated briefly and about equal attention should be given to the periods up to

and after 1865. Careful attention should be given to map studies. The subjects of territorial expansion and social and industrial growth should receive ample consideration. In the later period the foreign policy of the United States, the tariff, banking, civil service, currency, trusts, conservation of natural resources, capital and labor and immigration constitute the more important topics. Familiarity with the lives and public services of great Americans should be especially encouraged. *One unit.*

*World History.* A world survey, that shall show in broad perspective how Man has learned to live the group life, to associate with his fellows; one that shall deal with essentials only but without loss of sequence, and so grouped as to show the outstanding epochs through which the race has struggled on its way up from savagery to civilization.

Such a one-year course will necessarily be extensive in character, though time can easily be found for committee reports and class discussions on especially interesting and important topics. Care must be taken that "extensive" shall not become a synonym for "superficial." *One unit.*

#### SOCIAL SCIENCE

*Problems of Democracy.* Young people face social problems, not social sciences; but they must go to these sciences for explanations and possible solutions. Accordingly, this course should train the pupils to read, to think, to weigh evidence; in short, to learn the elementary technique of investigation. As an important by-product, a solid foundation will have been laid for the social sciences—economics, political science, and sociology. To accomplish this result, free use must be made of the fundamental concepts and theories; and care must be taken not to confuse problems with remedies. *One unit.*

*Government.* A course in the fundamentals of American government—local, state and national. Comparison should be made between the English Cabinet or Parliamentary system and our own non-Parliamentary or Presidential system. Considerable attention must be given to the newer experiments in government and to the organization and work of political parties. *One-half unit.*

*Economics.* An introductory study of the production, distribution, and consumption of wealth, and of Man in his relation to wealth.

Constant application of the underlying theories should be made to problems of the day, in order that the pupils may learn to use Economics and not simply learn about the subject. *One-half unit.*



## MATHEMATICS

*Arithmetic*, with the metric system of weights and measures, as much as is contained in Wentworth's Advanced Arithmetic. *Elementary Algebra*, including Variation and the Binomial Theorem, as in Wells's Essentials of Algebra, or its equivalent. *Plane Geometry*, complete as in Phillips and Fisher's Plane Geometry, or its equivalent. *Two and one-half units*.

*Solid Geometry*, as contained in Phillips and Fisher's Geometry of Space, or its equivalent. *One-half unit*.

*Algebra* continued, to include The Progressions, Choice and Chance, Partial and Continued Fractions, Graphical Representation, Complex Numbers and Logarithms, as contained in Hawkes's Advanced Algebra, or its equivalent. *One-half unit*.

*Plane Trigonometry*, as in Ashton and Marsh's Plane and Spherical Trigonometry, Chapters I-IV and VI, or its equivalent. *One-half unit*.

## SCIENCE

*Physics*. Instruction should include the use of a textbook suitable for secondary schools, lectures with emphasis on demonstrations to illustrate qualitative aspects and practical applications, recitations including the solution of problems in which the pupil should be encouraged to use the simple principles of algebra and geometry, and individual laboratory work requiring at least the time of twenty-five double periods. The experiments performed by each pupil should number at least twenty-five. The aim of laboratory work should be to cultivate accurate observation and clearness of thought and expression. Attention should be paid to common illustrations and to industrial and household application of physical laws. *One unit*.

*Chemistry*. The preparation should emphasize the general principles which are involved in the laboratory and textbook study and should give the student a comprehensive and connected view of the most fundamental facts and laws of elementary chemistry and their applications. The individual laboratory work should comprise at least thirty experiments. The properties of elements and compounds studied should be those which serve for recognition, or illustration of a chemical principle, or relate to some important household or industrial use. It should be an aim of the teacher to emphasize the importance of chemistry in the industrial and economic growth of our modern civilization. *One unit*.



*Physical Geography.* The most essential facts comprehended under such topics as the Earth as a Globe, the Ocean, the Atmosphere and the Land. The preparation should include the study of a good secondary school textbook and individual laboratory work comprising at least twenty exercises. From one-third to one-half of the classroom work should be devoted to laboratory exercises, which in fall and spring may be supplanted by field trips. *One-half unit.*

*Botany.* The candidate's preparation should include the structure, physiology, life-history and classification of plants together with the relation of the latter to human welfare in such matters as food, clothing, medicine, fuel, furniture, building and decoration. At least one-half the time should be devoted to practical studies in the laboratory. *One-half unit.*

*Zoölogy.* The study of the structure, physiology, life-history and classification of animals and their relation to human welfare covering such subjects as the economic value of insects, their relation to disease, methods of extermination, the economic value of birds, necessity of bird protection, etc. At least one-half of the classroom work should be devoted to laboratory exercises. *One-half unit.*

*Physiology.* Human physiology involving the essentials of deglutition, digestion, absorption, circulation, respiration, secretion, excretion, locomotion and nervous functions. The subject as presented in any good secondary school textbook will be acceptable. *One-half unit.*

#### MECHANICAL DRAWING

Thoroughness in fundamentals should be the main feature of the preparation. The right use of drawing instruments, the primary principles of projection, and accuracy in work should be made matters of drill. Ability to use some standard form of single stroke free hand lettering and the proper method of inserting explanatory notes should be developed. The time required to accomplish the work should be approximately 100 hours. *One-half unit.*

## GOVERNMENT

A student whose application for admission to college has been approved by the Faculty, becomes a member of the institution by matriculating at the Dean's office. Until students have fully completed their matriculation (see page 23) they are not permitted to represent the college in any public performance except the regularly constituted Freshman athletics.

## REGISTRATION

All students must register at the opening of the college year for the work of the whole year, and will not be allowed to change their registration or drop courses of study, later than one week after Registration Day except by special permission of the Faculty. A fee of One Dollar is charged for registration on days other than those appointed for the registration of students in the college calendar.

## ABSENCES

Students are expected to pursue their work without interruption or absence from any academic exercises whatever. On account of exigencies such as sickness, the death of a relative, or duty away from college as a representative of the institution, a student is allowed as many absences in any course as twice the number of exercises per week in that course. A student who is absent beyond this limit will be dropped from the course unless permitted to continue by the Dean and the professor in charge in which case he must make up the work omitted and take an Extended Examination for which a fee of Five Dollars is charged. Absences are counted from the first class exercises in any subject, and at the beginning or end of a semester and immediately preceding and following a recess they count double. No excuses for absence are granted.

Students of the Third and Fourth years who, in the preceding semester, received no grade lower than B are placed on their own responsibility for attendance upon classes.

A student who absents himself from a test previously announced must take a special test for which he must pay a

fee of One Dollar on securing the permit for the same at the Dean's Office.

### GROUP ADVISERS

At the beginning of the year the Faculty appoints from its own number an Adviser for the students in each of the seven Groups in which the courses of instruction are offered. He is the medium of communication between the Faculty and the students of his Group. The approval of the Group Adviser is necessary before a student may register for or enter upon any course of study, or discontinue any work.

### COUNSELORS

Each First Year student is assigned to a member of the Faculty who is his Counselor for friendly advice and guidance in the making of personal and social adjustments and in the correlation of his intellectual interests with the curriculum requirements.

### PUBLIC WORSHIP

Students are required to attend religious services in the college chapel each day of recitations, except Saturday, and are expected to attend services on Sunday morning in some adjacent church of their own or their parents' choice. Attendance is also required at all special public exercises appointed by the Faculty.

A student may not be absent from chapel services and other public exercises appointed by the Faculty more than eight times in a semester without having been excused. For each absence in excess of this number he will be given five demerits.

### COLLEGE PRINCIPLES

The College is committed both in principle and by tradition to a policy which opposes unnatural distinctions among its students. Equal opportunity for all is provided and a wholesome spirit of fraternity throughout the entire body is encouraged. A



system of student government for young men, with powers inhering in a central representative body known as the Council, maintains order and encourages self-control in social and civil affairs. The life of the young women also is regulated through a system of self-government administered by the women students of the College. Since the institution is organized on the group basis, class rivalry and its attendant evils are extraneous. *Each student pledges himself on admission to abstain from every form of rushing or hazing.* The aim of the institution is to train its students, through the performance of their social and civil obligations and duties, in those virtues which will fit them for the extraordinary responsibilities of educated men and women in after life. With this in view, the College reserves the right to exclude at any time students whose conduct or academic standing renders them undesirable members of the college community, and in such cases the fees due or which may have been paid in advance to the College will not be refunded in whole or in part.

### DOMESTIC LIFE

The College aims to provide thoroughly healthful, wholesome and homelike conditions in the residences for both young men and young women. The boarding department is made an educational asset in the institution. All resident students take their meals in well-lighted and well-ventilated dining rooms constructed on thoroughly sanitary lines. The meals are prepared in a spacious, well-lighted, sanitary kitchen with complete modern equipment.

By controlling the conditions under which the students live, the College provides a physical basis for its higher functions that insures not only health of body and joy of life, but greatly promotes mental efficiency and success in intellectual pursuits.



## COURSES OF INSTRUCTION

In designating courses of study, *odd* numerals are employed to represent the work of the first semester and *even* numerals the work of the second semester. When a single numeral is employed the work represented constitutes a semester course. When two numerals are employed the work represented constitutes a year course. When the numerals are connected with a hyphen the course may be entered only at the opening of the year. When the numerals are separated with a comma, the course may not be discontinued, but may be entered at mid-year for the work of the second semester.

The credit value of each course, expressed in semester hours, is printed in italics. The hours per week are given in the definition of the course.

### BIOLOGY

PROFESSOR BROWNBACK, ASSISTANT PROFESSOR OLD,  
MISS SNELL, MR. WAGNER

A-B. INTRODUCTION TO SCIENCE. The methods and aims of the sciences, the structure and organization of the physical universe, and the part which the sciences have played in the development of civilization. A broad foundation is given in preparation for the more specialized course in a single science required in the second or third year. The course will put the student in a position to appreciate, and to investigate further in his own reading the place of science in modern life. The departments of Biology, Chemistry, Physics and Astronomy are jointly responsible for the course which consists of lectures, demonstrations, recitations, and required readings, and is given to the class as a whole without subdivision into sections. Required of First Year students in all except the Chemistry-Biology and Physical Education Groups. Two hours per week throughout the year. *Four semester hours.*

1. SANITATION AND HYGIENE. Study of the structure and physiology of systems in relation to personal hygiene. Lectures, papers and discussions. Two hours per week. *Two semester hours.*

Course 1 is elective for First year students in all the groups.

3-4. GENERAL BIOLOGY. A survey of the biological facts and problems of the plant and animal kingdom. One semester is devoted to the study of Zoölogy, the other to Botany. In both instances correlated laboratory and lecture work is definitely planned. Two hours lecture and four hours laboratory work. *Eight semester hours.*

6. **ADVANCED BOTANY.** A course designed to acquaint the student with the principles of taxonomy and plant ecology. Lectures and discussions followed with field and laboratory work. Prerequisite, Course 3-4. *Two semester hours.*

Course 6 is required for students intending to apply for certification in Pennsylvania for the teaching of Botany. (See page 42 Requirements for Certification in Pennsylvania, 1c).

7-8. **VERTEBRATE ANATOMY.** The comparative anatomy and relationships of the chordates. Prerequisite, Course 3-4. One hour lecture and six hours laboratory work. *Eight semester hours.*

9-10. **HISTOLOGY AND EMBRYOLOGY.** A course in the preparation and study of tissues and in the embryology of the chick. Prerequisite, Course 3-4. One hour lecture and six hours laboratory work. *Eight semester hours.*

Course 7-8 alternates with Course 9-10. Course 9-10 will be given in 1934-35.

11-12. **HEREDITY.** Designed to familiarize the student with the recent work in heredity and its social applications. Open to students who have had no biological training. Lectures, papers and discussions. Two hours per week. *Four semester hours.*

Course 11-12 is open to Third and Fourth year students only.

15-16. **GENERAL PHYSIOLOGY.** The study of the physical, chemical and physico-chemical processes taking place in living matter. Prerequisite, courses 3-4, 7-8 or 9-10 and Chemistry 1-2 and 7-8. Opportunity is given for students to investigate assigned problems at times other than regular hours. One hour lecture and six hours laboratory work. *Eight semester hours.*

17-18. **ANATOMY AND PHYSIOLOGY.** The human skeleton; muscular, respiratory, and circulatory systems; the internal organs; the special senses; all considered with reference to structure and function; secretion, absorption and elimination. Models, charts, and parts of the human cadaver. Three hours per week. *Six semester hours.*

Course 17-18 is prescribed for students in the Physical Education Group.

NOTE.—A working knowledge of the leading biological contributions to present-day thought is presented in Courses 3-4 and 11-12. Students of the Chemistry-Biology Group taking their major work in biology must complete not less than twenty-four hours of work in the

department. In most cases, this requirement will be met by taking courses 1, 3-4, 6, 7-8 or 9-10, and 11-12. Such students will also be expected to take Chemistry 1-2 and 7-8, and Physics 1-2. Prospective medical students taking the full college course should take Courses 1, 3-4, 7-8, 9-10, and 15-16 if possible.

## CHEMISTRY

PROFESSOR BEARDWOOD, PROFESSOR STURGIS, MR. PETTIT

A-B. INTRODUCTION TO SCIENCE. See BIOLOGY, Course A-B, p. 36.

1-2. GENERAL CHEMISTRY. The facts, theories and laws of the chemistry of the commoner elements, their uses and industrial applications presented in demonstrated lectures accompanied by oral and written recitations. The laboratory work and lectures are kept parallel. The student preserves a record of laboratory observations which must be submitted to the instructor for correction and approval. Two hours lectures and four hours laboratory work. *Eight semester hours.*

3-4. QUALITATIVE ANALYSIS. The physico-chemical basis of analytical chemistry; analysis of metals and non metals; practice in analysis of minerals, alloys and commercial products. Prerequisite, Course 1-2. Two hours lectures and four hours laboratory work. *Eight semester hours.*

5-6. QUANTITATIVE ANALYSIS. A study of the most acceptable methods of gravimetric and volumetric analysis. Prerequisite, Course 3-4. Two hours lectures and six hours laboratory work. *Eight semester hours.*

7-8. ORGANIC CHEMISTRY. The study of the properties, synthesis and structure of the most important classes of the carbon compounds. Prerequisite, Course 1-2. Two hours lectures and six hours laboratory work. *Eight semester hours.*

9-10. PHYSICAL CHEMISTRY. The course includes a study of atomic structure, radio-activity, the states of matter, the properties of solutions, and other topics. Prerequisites, Physics 1-2; Courses 1-2 and 3-4 or 7-8. Two hours lectures and two hours laboratory work per week. *Six semester hours.*

11-12. CHEMICAL PHYSIOLOGY AND CHEMISTRY OF NUTRITION. The study of the chemical composition of the body and the chemical changes it undergoes; the chemistry of foods, the action of the diges-



tive enzymes upon them; the chemistry of the different body fluids. The study of normal nutrition as it involves the adaptation of foods and dietaries to age, activity and climate; also as it relates to economic, social and racial needs of the individual, the home, the school and the community; the causes and treatment of malnutrition. Prerequisites, Course 1-2 and Biology 17-18. Two hours lectures and two hours laboratory work. *Six semester hours.*

Course 11-12 is prescribed for students in the Physical Education Group.

## ECONOMICS

PROFESSOR BOSWELL, ASSOCIATE PROFESSOR BONE

1, 2. INDUSTRIAL GEOGRAPHY. The first half of the year is devoted to a study of the main factors of the physical environment which influence the capacity, activity, occupation, and business relations of peoples. In the second half of the year the principles derived in the first semester are applied to a more complex study of the continents. Two hours per week. *Four semester hours.*

Course 1, 2 is elective in all groups.

3-4. PRINCIPLES OF ECONOMICS. An analysis of our economic organization including the study of such topics as the organization of production, value and exchange, mediums of exchange and our banking system, business cycles, international trade and the tariff, the distribution of wealth, monopolies and competition, labor problems, and such current problems as the coal and railway situation. Three hours per week. *Six semester hours.*

Course 3-4 is a prerequisite for all other courses except Course 1, 2.

5. BUSINESS FINANCE. A study of the financial aspects of business management including such topics as the problems to be considered in launching an enterprise, methods of organizing, methods of financing, form of ownership, handling of sinking and depreciation funds, interpreting financial statements, extending credit, and distributing earnings. Prerequisite, Courses 3-4 and 11-12. Three hours per week. *Three semester hours.*

6. LABOR PROBLEMS AND PERSONNEL ADMINISTRATION. A study of human relations arising from industrial organization and the employers' part in bringing about industrial peace. Prerequisite, Course 3-4. Three hours per week. *Three semester hours.*



7. **MARKETING.** A survey of the marketing mechanism and a comparative study of the most usual methods and practices. Special attention is given to such problems as the elimination of the middleman, market analysis, sales quotas, the incidence of advertising, and co-operative marketing. Prerequisite, Course 3-4. Three hours per week. *Three semester hours.*

8. **FOREIGN TRADE.** The relation of foreign trade to national prosperity; the foreign trade policies of the more important countries; export marketing machinery; the methods of export merchandising followed by several of our large corporations; documentation; credit extension. Prerequisite, Courses 3-4 and 7. Three hours per week. *Three semester hours.*

9-10. **MONEY AND BANKING.** A brief study of monetary and banking theories followed by a careful analysis of the services and methods of operation of various financial institutions such as commercial banks, clearing house associations, the Federal Reserve banks, Farm Loan banks, note brokers, commercial paper houses, finance companies, and investment houses. Three hours per week. *Six semester hours.*

Course 9-10 alternates with Courses 13 and 14. Course 9-10 will be given in 1934-35.

11-12. **PRINCIPLES OF ACCOUNTING.** Fundamental principles involved in single ownership, partnership, and corporate forms of organization, including large enterprises and manufacturing types of business; rules for debit and credit, journalizing, operation of columnar books with and without controlling accounts, methods of handling cash, inventories, preparation of trial balance and financial statements and closing the books; procedure for handling capital stock, bonds, valuation reserves. Problems, questions, and a systematic practice set supplement the work. Two hours lectures, two hours laboratory per week. *Six semester hours.*

13. **PUBLIC FINANCE AND TAXATION.** A study of the general principles of public expenditures, public revenues, public indebtedness and financial administration. Attention will be given to the principles and workings of the Federal Income Tax law. There will be class assignments in solving actual income tax problems. Two hours per week. *Two semester hours.*

14. **RAILWAY TRANSPORTATION.** A study of the financing of railroad construction in the United States; rate making, routing, personal and territorial discrimination, competition and consolidation; state and federal legislation and regulation; government operation;

criticisms of some of the proposed solutions of our railway problems. Three hours per week. *Three semester hours.*

16. BUSINESS LAW. An introductory course covering the fundamental principles and procedures governing contracts, sales, negotiable paper, partnerships, corporations and business associations. Lectures, readings and study of cases and problems. Prerequisite, Courses 3-4 and 5. Three hours per week. *Three semester hours.*

17, 18. BUSINESS ORGANIZATION. A survey study of the organization and management of industrial activities and their relation to each other. The historical background, organization, physical plant, standardization, wage payment methods, employment and handling of men; control of production, planning and operation; executive control. Prerequisite, Course 3-4. Three hours per week. *Six semester hours.*

MATHEMATICS OF FINANCE. See MATHEMATICS, Courses 13-14 and 15-16, p. 52.

## EDUCATION

PROFESSOR TYSON, ASSISTANT PROFESSOR MICHAEL

1. INTRODUCTION TO TEACHING. A survey of the field of education. The approach to the study of education through the underlying sciences. Analytical and constructive attempt to define education. Differentiation of the several fields of study. A preliminary course for all students of education. Three hours per week. *Three semester hours.*

2. PRINCIPLES OF SECONDARY EDUCATION. The secondary school in America and in foreign countries; individual, social and economical (vocational) aims; nature and interests of adolescents; subjects of the curriculum; program making. Three hours per week. *Three semester hours.*

3. EDUCATIONAL PSYCHOLOGY. The data of psychology in their bearing upon teaching and learning; instinctive equipment of the learner; variation in human capacities; inheritance of human traits; rate and progress of learning; transference of training and allied subjects. Prerequisite, Psychology 1 or 2. Three hours per week. *Three semester hours.* See PSYCHOLOGY, Course 5.

4. PRINCIPLES OF TEACHING AND LEARNING. The application of the principles of educational psychology to teaching in the secondary school; the teacher as a director of learning; the activities in which

the teacher is called upon to engage. This course is required by the department for all persons who expect to qualify for practice teaching. Three hours per week. *Three semester hours.*

5. OBSERVATION AND PRACTICE TEACHING. Observation one hour per week and practice teaching five hours per week under supervision in the local high school. One class hour per week for consideration of lesson plans and criticism. Individual and group conferences. Prerequisite, Course 4. *Three semester hours.*

Course 5 is for Fourth year students only. The work is open in the second semester for those whose schedules require it. A fee of twenty-five dollars is charged each student engaged in Practice Teaching to help meet costs of administration.

7. HISTORY OF EDUCATION. The development of educational ideas, institutions and practices to the present time, providing a liberal outlook on civilization. Foundation elements—Greek, Roman and Christian. Great educational movements; the educational reformers; the origin and growth of national systems; the scientific movement of the nineteenth century—its effect on subject-matter and method; present tendencies. Three hours per week. *Three semester hours.*

10. EDUCATIONAL AND PSYCHOLOGICAL TESTS AND MEASUREMENTS. An introductory survey of the field of measurement in education, including measurement of intelligence and school results; main features of the technique of testing and test construction; types of tests and scales; evaluation; interpretation; use. Prerequisite, Education 3. Three hours per week. *Three semester hours.*

COURSE IN THE TEACHING OF SOCIAL STUDIES. See Political Science, Course 21-22, p. 62.

REQUIREMENTS FOR STATE CERTIFICATION TO TEACH. In *Pennsylvania*: Courses 1, 3 and 5, six semester hours of electives, and at least eighteen semester hours of work in College in each subject to be covered by the certificate. The following specific requirements should be noted: For certification in Social Studies, 9 semester hours of History and 9 of Social Sciences (Economics and Political Science); in the Natural Sciences—three types of certification: (a) nine semester hours of Physical Sciences including at least 3 of Physics and 3 of Chemistry, and 9 semester hours of Biological Sciences including at least 3 of Botany and 3 of Zoölogy; (b) at least 6 semester hours of Physics and 6 of Chemistry; (c) at least 6 semester hours of Botany and 6 of Zoölogy. For these three types of preparation respectively, the subjects, Science, Physical Science and Biological Science are entered on the certificate. For further information consult the Pro-



fessor of Education and the heads of respective departments. In *New Jersey*: For a Limited Secondary Certificate—Courses 2, 3, 4 and 5 (both semesters) and Biology 1. Certification to teach in a subject-matter field requires 12 semester hours of approved preparation in each subject. In *New York*: Courses 2, 3, 4, 5 and 7, Psychology 1 or 2, and at least one special methods course in either a major or minor field. Special certification is required for teaching a modern Foreign language.

To meet the requirements for certification to teach, preparation should be begun not later than the first semester of the Second year.

The teaching fields in secondary schools are usually grouped as follows: English, Mathematics, Foreign Languages, Natural Sciences, Social Studies, Music, Art, and Physical Training. Students aiming to teach should confer with the Professor of Education or with their Adviser in choosing the field for which they will prepare.

## ENGLISH

PROFESSOR SMITH, PROFESSOR WITMER, PROFESSOR MCCLURE,  
PROFESSOR BANCROFT

### COMPOSITION

1. RHETORIC AND COMPOSITION. Recitations based on a prescribed textbook, supplemented with lectures, to help students gain a knowledge of the principles and types of writing; the study of modern prose selections as models; and frequent written exercises and compositions for practice. Three hours per week. *Three semester hours.*

Course 1 is prescribed for First year students in all the groups.

2. RHETORIC AND COMPOSITION. Instruction and drill to meet the requirements of the class. Supplementary to Course 1, and designed for students needing further training in the art of writing. Three hours per week. *Three semester hours.*

3-4. ADVANCED RHETORIC AND COMPOSITION. Recitations based on an advanced textbook of Rhetoric, supplemented with lectures, to help students acquire individuality and flexibility of style; a textbook of rhetorical analysis, requiring a critical study of various prose types as models; frequent short and occasional long compositions for practice; supplementary readings and individual conferences. Three hours per week. *Six semester hours.*

Course 3-4 is elective for Second and Third year students in all groups.

6. ARGUMENTATION. Recitations based on a textbook, supplemented with lectures on the theory of argumentation; an analysis of



specimen models; frequent practice in both written and oral argument; supplementary readings and individual conferences. Three hours per week. *Three semester hours.*

Course 6 is elective for Second and Third year students in all groups.

#### LITERATURE

*One semester course in Literature is required of all students.*

1. EUROPEAN LITERATURE. A study of the major types of verse and prose as illustrated in English readings of Ancient Classical Literature. Readings critically analyzed. Three hours per week. *Three semester hours.*

2. EUROPEAN LITERATURE. A treatment of the principal writers of mediæval and modern European Literature. Readings are in English translation. This course and the preceding attempt to acquaint the student with the literary resources that have served to form the intellectual and æsthetic context of the present. Readings critically analyzed. Three hours per week. *Three semester hours.*

Course 1 or Course 2 may be elected to satisfy the required semester course in Literature. This requirement should be satisfied during the First or Second years, First year students electing Course 2, Second year students electing Course 1.

3-4. SURVEY OF ENGLISH LITERATURE. A history of English Literature from the beginnings of British tradition to the present. The particular problems that are reflected in the readings are discussed, and those movements that have lent their molding force to style and thought. Two hours per week. *Four semester hours.*

Course 3-4 is prescribed in the Second Year of the English Group, and is elective in other groups.

5. THE ENGLISH DRAMA. An investigation of the origin and early development of the English Drama culminating in Marlowe and Shakespeare. Three hours per week. *Three semester hours.*

6. MODERN ESSAYISTS. The essay form discussed with special attention to its modern development. The authors chiefly studied are Lamb, Macaulay, and Stevenson. Three hours per week. *Three semester hours.*

Courses 5 and 6 or 15 and 16 are prescribed in the English Group and are elective for Third and Fourth year students in other groups.

Courses 5 and 6 alternate with Courses 7 and 8. Courses 7 and 8 will be given in 1934-35.

7. VICTORIAN POETRY. Lectures and critical readings to illustrate the main tendencies of modern poetry. The poets chiefly studied are Tennyson, Browning, and Matthew Arnold. Three hours per week. *Three semester hours.*

8. EIGHTEENTH CENTURY ESSAYISTS. The aim of this course is to trace the early development of the essay form, and to interpret the history of the period by its literature. Three hours per week. *Three semester hours.*

9-10. ELEMENTS OF LITERARY CRITICISM. The essential elements of literature, its chief forms, and the different methods and principles of criticism discussed. There will be constant illustration and application of these principles throughout the course. Winchester: Principles of Literary Criticism. Two hours per week. *Four semester hours.*

Course 9-10 is prescribed in the English Group and is elective for Fourth year students in other groups.

11-12. ANGLO-SAXON. Smith: Old English Grammar; Bright: Anglo-Saxon Reader; Lounsbury: English Language. Two hours per week. *Four semester hours.*

Course 11-12 is prescribed in the English Group, and is elective in all other groups.

13. AMERICAN LITERATURE. A study of American literature from Colonial times to the present. Three hours per week. *Three semester hours.*

Course 13 is elective for Third and Fourth year students in all groups.

14. MODERN POETRY. English and American poetry from 1890 to the present. Three hours per week. *Three semester hours.*

Course 14 is elective for Third and Fourth year students in all groups.

Courses 13 and 14 alternate with Courses 15 and 16. Courses 13 and 14 will be given in 1934-35.

15. ENGLISH POETRY, 1780-1840. Revolutionary and Romantic poets, including Wordsworth, Byron, Shelley and Keats. Three hours per week. *Three semester hours.*

Course 15 is elective for Third and Fourth year students in all groups.

16. ENGLISH POETRY OF THE AGE OF ELIZABETH. The development of narrative and lyric poetry. Three hours per week. *Three semester hours.*

Course 16 is elective for Third and Fourth year students in all groups.

## FRENCH

ASSOCIATE PROFESSOR SIBBALD, ————

1-2. BEGINNING FRENCH. (For those who begin French in College, those who have had one year of High School French, and those who have had two years of High School French but show an insufficient knowledge of the subject in the Freshmen placement examinations. These latter must make a grade of B in the course to receive credit.) Beginning grammar and pronunciation, with elements of phonetics. Irregular verb drill. Uniform note books. Reading and translation of graded texts to begin late in the first semester. Three hours per week. *Six semester hours.*

3-4. INTERMEDIATE FRENCH. Review of French grammar and syntax, with more advanced treatment of phonetics. Special attention to verbs and idioms. Conversation in second semester. Original compositions. Uniform note books. Reading and translation of graded texts once a week. Prerequisite, Course 1-2, or equivalent. Three hours per week. *Six semester hours.*

5-6. FRENCH LITERATURE FROM 1830 TO 1900. Readings and translations of French prose, poetry, and drama since the beginning of the Romantic movement. Class discussions in French. Lectures in French on French literature and literary movements during the nineteenth century. Outside readings. Prerequisite, Course 3-4, or equivalent. Two hours per week. *Four semester hours.*

7-8. ADVANCED FRENCH COMPOSITION. Advanced treatment of French grammar and syntax. Intensive drill on up-to-date idioms. Practice in written and spoken French. Original compositions in French. Uniform note books. Continued practice in conversation. Prerequisite, Course 3-4, or equivalent. Two hours per week. *Four semester hours.*

Course 7-8 alternates with Course 13-14. Offered in 1934-35.

9-10. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY. Readings and translations of French prose, poetry, and drama of the Classical Period of French Literature. Class discussions in French. Original compositions and reports in French on important authors and phases of the seventeenth century. Lectures in French on Classicism and on the literary movements of the seventeenth century. Outside readings. Prerequisite, Course 5-6. Two hours per week. *Four semester hours.*

Course 9-10 alternates with Course 11-12. Offered in 1934-35.

11-12. FRENCH LITERATURE FROM 1700 TO 1830. Readings and translations of French prose, poetry, and drama from the decline of



Classicism to the beginning of Romanticism. Class discussions in French. Original compositions and reports in French on important authors and phases of this period. Lectures in French on the literary movements of the period. Outside readings. Prerequisite, Course 5-6. Two hours per week. *Four semester hours.*

Course 11-12 alternates with Course 9-10. Not offered in 1934-35.

13-14. TEACHERS' COURSE IN FRENCH. Detailed study of French pronunciation, phonetics, and diction. Review of advanced syntax and up-to-date idioms. Outside readings. Reports in French on selected subjects. Class discussions and conversation in French. Discussion of modern texts, class methods, and class problems. Prerequisite, Course 7-8 and Course 9-10 or 11-12. Two hours per week. *Four semester hours.*

Course 13-14 alternates with Course 7-8. Not offered in 1934-35.

## GERMAN

### PROFESSOR YOST

1-2. ELEMENTARY GERMAN. Drill in pronunciation; the essentials of grammar; practice in speaking and writing; reading of simple prose and poetry. Three hours per week. *Six semester hours.*

Course 1-2 is elective for all students who do not offer German for admission.

3, 4. INTERMEDIATE GERMAN. Review of grammar with oral and written exercises. Reading of tales, short stories and novels. Constant attention is given to pronunciation and syntax. Three hours per week. *Six semester hours.*

5, 6. INTERMEDIATE GERMAN. Review of grammar; conversation and written composition. Reading of short stories, lyrics and ballads. Reading of easy prose at sight. Three hours per week. *Six semester hours.*

Course 3, 4 alternates with Course 5, 6. Course 5, 6 will be offered in 1934-35.

7, 8. GERMAN OF THE CLASSIC PERIOD. Reading of works by Lessing, Schiller, and Goethe, with a study of the classic period. Outline of the history of German literature. Written themes on assigned topics. Two hours per week. *Four semester hours.*

9, 10. MODERN GERMAN LITERATURE. Reading of the works of representative writers of the Nineteenth and Twentieth centuries. Outline of the history of the literature of this period. German news-



papers; written themes on assigned topics. Two hours per week. *Four semester hours.*

Course 7, 8 alternates with Course 9, 10. Course 9, 10 will be offered in 1934-35.

11, 12. SCIENTIFIC GERMAN. This course is planned to furnish drill in the reading of modern scientific German. It is intended for students pursuing courses in the natural sciences and for pre-medical students. It will be open to students who have had two years, or more, of German. Two hours per week. *Four semester hours.*

13, 14. ORAL AND WRITTEN COMPOSITION. Drill in phonetics; review of the grammar; exercises in oral and written composition. In the second semester, a study of textbooks, methods of teaching modern languages, survey of material suitable for elementary classes. This course is essential for students who are preparing to teach German. It is open only to advanced students. Two hours per week. *Four semester hours.*

### GREEK

ASSISTANT PROFESSOR BAKER

1-2. BEGINNING GREEK. The first semester is devoted to mastery of the elements of the language; in the second, enough of the *Anabasis* of Xenophon is read to give the student facility in reading simple Attic prose. Much attention is paid to the Greek element in English as an aid to the proper understanding of scientific terms. Three hours per week. *Six semester hours.*

Course 1-2 is elective for students in all groups.

3. INTERMEDIATE GREEK. Arrian, "Life of Alexander the Great," Herodotus, selections. Three hours per week. *Three semester hours.*

4. HOMER. Selections from the Iliad and the Odyssey. Three hours per week. *Three semester hours.*

5-6. GREEK HISTORY AND COMEDY. Thucydides and Aristophanes, selections. This course will include papers and outside readings and is designed to give the student a complete picture of Athens during the latter half of the fifth century, B.C. Three hours per week. *Six semester hours.*

7. LATER GREEK PROSE. Selections from Xenophon, Aristotle, and Lucian. Three hours per week. *Three semester hours.*

8. NEW TESTAMENT GREEK. The Gospel of St. Luke and the Acts of the Apostles. Papers and lectures on Hellenistic religions. Three hours per week. *Three semester hours.*

## HISTORY

PROFESSOR WHITE, ASSOCIATE PROFESSOR CARTER

1-2. HISTORY OF EUROPEAN CIVILIZATION. A course designed to form a background for advanced courses in the Social Sciences and also to be of value to students majoring in other departments. A survey of the life of primitive man, the ancient civilizations of the Near and Far East, the Greek and Roman cultures, and the development of Western Europe, its expansion and nationalization. Wide collateral reading. Three hours per week. *Six semester hours.*

Students in all groups are required to take Course 1-2 in their First or Second year.

3, 4. MEDIEVAL AND MODERN EUROPEAN HISTORY. From the barbarian invasions of the Roman Empire, through the Middle Ages and the Renaissance and Reformation periods, to the beginning of the French Revolution. Emphasis will be laid upon the life and thought of the people, and upon facts which have influenced present day conditions. Three hours per week. *Six semester hours.*

Course 3, 4 alternates with Course 7, 8. Course 7, 8 will be offered in 1934-35.

5, 6. EUROPE AND ASIA SINCE 1789. The French Revolution, the Napoleonic period, and the Congress of Vienna. The Industrial Revolution. Nineteenth Century democracy, nationalism, and imperialism. The World War, and the after-war readjustments. Three hours per week. *Six semester hours.*

Course 5, 6 alternates with Course 11-12. Course 5, 6 will be offered in 1934-35.

7, 8. HISTORY OF ENGLAND AND THE BRITISH EMPIRE. First semester: English political and institutional history from the early Britons to William III. Development of language and literature. Second semester: England as a constitutional monarchy. Development of Parliament and the Cabinet; the growth of the Empire; problems in colonial and world relations. Three hours per week. *Six semester hours.*

Course 7, 8 alternates with Course 3, 4. Course 7, 8 will be offered in 1934-35.

9, 10. AMERICAN HISTORY. Colonization of North America; relations between the colonies and England which led to the Revolution; economic, social, and political phases of United States History studied in connection with the constitution, political parties, the tariff, slavery, westward expansion, the growth of modern business and international relations. Three hours per week. *Six semester hours.*

11-12. AMERICAN DIPLOMACY. A study of the foreign relations of the United States, from the Revolutionary War to the present. The principles and practice of diplomacy, and of international law, in so far as they bear upon important cases in our international relations. Especial attention will be given to our contacts with Canada and with Latin America. Two hours per week. *Four semester hours.*

Course 11-12 alternates with Course 5, 6. Course 5, 6 will be offered in 1934-35.

Courses 9, 10 and 11-12 are open to Third and Fourth year students who have had course 1-2 or its equivalent.

13-14. CONTEMPORARY PROBLEMS. A study of the origins of questions of present importance, and of their development and significance. Manchuria, and international rivalry in the Far East; Gandhi, and Indian Nationalism; the Facist movement; the Soviet State; problems growing out of after-war settlements; Peace Pacts and Disarmament; leaders of thought and action. Two hours per week. *Four semester hours.*

Course 13-14 is given in alternate years. Not offered in 1934-35.

Members of the History-Social Science Group majoring in History are required to take eighteen hours of work from the foregoing courses. They must take either Course 3, 4 or Course 9, 10 and either Course 5, 6 or Course 11-12.

## LATIN

PROFESSOR KLINE, ASSISTANT PROFESSOR BAKER

A, B. VERGIL. *Æneid*, Books I-VI. Greenough and Kittredge. Three hours per week. *Six semester hours.*

Course A, B is prescribed for students who offer three units of Latin for admission and desire to continue the study of Latin in college.

1, 2. CICERO, LIVY, HORACE. Cicero: *De Senectute*, with a critical analysis of the essay. Livy: Book XXI, *History of the Punic Wars*. Horace: the *Odes* with sight reading. The Horatian meters will be carefully studied, together with the interpretation of the poems. Three hours per week. *Six semester hours.*

Course 1, 2 is prescribed for students who offer four units of Latin for admission and desire to continue the study of Latin in college.

3, 4. HORACE, CICERO. Horace: *Satires* and selected *Epistles*, with a careful study of style and a discussion of Roman *Satire*. Cicero: *De Oratore*; its chief literary and rhetorical characteristics together with



an examination of Roman Oratory. Horace: *Ars Poetica*; an analysis of the poem and a study of didactic poetry. Three hours per week. *Six semester hours.*

5, 6. LATIN COMEDY; CICERO AND PLINY. (1) Terence: *Phormio* and *Heauton-Timorumenos*. Plautus: *Captivi* or *Trinummus* and *Menaechmi*. Lectures on the ancient theater and kindred topics. (2) Cicero and Pliny the Younger: *Selected Epistles*. This part of the course is designed to train the student in the power of rapid reading, by covering a large amount of Latin of only moderate difficulty. Two hours per week. *Four semester hours.*

Course 5, 6 alternates with Course 7, 8. Course 5, 6 will be given in 1934-35.

7, 8. TACITUS, LUCRETIVS. (1) Tacitus: *Agricola*, *Germania* and *Selections from the Annals*. A study of the aims and purposes of the works with a survey of Roman History. (2) Lucretius: *De Rerum Natura*. A study of Epicureanism, Lucretius as a philosopher and a poet, his influence on other writers. Two hours per week. *Four semester hours.*

10. TEACHERS' COURSE. A consideration of the aims and purposes of classical studies. Preparatory authors will be discussed and interpreted with special regard to the essential points in teaching. Two hours per week. *Two semester hours.*

Course 10 is elective for students intending to become teachers of Latin. It is given in connection with Courses 6 and 8.

## MATHEMATICS AND ASTRONOMY

PROFESSOR CLAWSON, ASSISTANT PROFESSOR MANNING

1, 2. COLLEGE ALGEBRA, TRIGONOMETRY. A standard course embracing the fundamental elements of these branches. Three hours per week. *Six semester hours.*

Course 1, 2 is prescribed for all students who have been credited with only 2.5 units of Mathematics toward admission.

1a, 2a. COLLEGE ALGEBRA, TRIGONOMETRY. A more advanced course, presupposing the usual high school courses in these subjects. Two hours per week. *Four semester hours.*

Course 1a, 2a is required in the Chemistry-Biology Group, and is elective in other groups, for students who have been credited with 3.5 units of Mathematics toward admission.

3-4. ELEMENTARY CALCULUS. A first course in infinitesimal calculus, comprising a study of the fundamental methods and applications of differential calculus and an introduction to integral calculus.



Prerequisite, Mathematics 1, 2. Three hours per week. *Six semester hours.*

Course 3-4 is prescribed in the Mathematics and the Chemistry-Biology Groups.

5. PLANE ANALYTIC GEOMETRY. The use of algebraic methods in the study of plane geometry. Prerequisite, Mathematics, 1, 2. Three hours per week. *Three semester hours.*

6. SOLID GEOMETRY. The methods of pure geometry, of analytic geometry and of descriptive geometry applied to polyhedrons and simple curved surfaces. Spherical trigonometry. Prerequisite, Mathematics 5. Three hours per week. *Three semester hours.*

Courses 5 and 6 are prescribed in the Mathematics Group.

In the courses of the first two years as above outlined, it is a chief aim of the Department, by careful supervision and as much individual attention as possible, to teach the student to read mathematics for himself with less and less reliance upon the instructor. To a considerable extent laboratory methods replace formal recitations, and some variation is permitted in rate of working and in ground covered in accordance with differences in ability.

7-8. THE CALCULUS. Review of the fundamentals, and a further study of methods of differentiation and integration and applications. Elements of differential equations. Prerequisites, Mathematics 3-4, 5, and 6. Two hours per week. *Four semester hours.*

9-10. INTRODUCTION TO MODERN GEOMETRY. The recent geometry of the triangle and quadrilateral; anharmonic ratio; ranges and pencils; projective geometry; non-Euclidean geometry. Prerequisite, Course 5, 6. Two hours per week. *Four semester hours.*

11-12. INTRODUCTION TO MODERN ALGEBRA. Topics in higher algebra; the solution of equations; complex numbers; theory of numbers. Prerequisites, Courses 3, 4 and 5, 6. Two hours per week. *Four semester hours.*

Course 11-12 alternates with Course 9-10. Course 11-12 is offered in 1934-35.

13-14. MATHEMATICS OF FINANCE. The operation of interest in relation to the amortization of debts, the creation of sinking funds, the treatment of depreciation, the valuation of bonds, the accumulation of funds in building and loan associations, and the elements of life insurance. Two hours per week. *Four semester hours.*

15-16. MATHEMATICAL STATISTICS. Gathering the material, displaying it by the different types of graphs, analysis of the material, averaging, dispersion, correlation. Prerequisite Mathematics 1, 2 or its equivalent. Two hours per week. *Four semester hours.*

Courses 13-14 and 15-16 are offered mainly for students of economics or science who are interested in the applications of mathematics.

17-18. ASTRONOMY. Facts and theories concerning the appearance, dimensions, constitutions, motions and interrelations of celestial bodies; practical applications. Prerequisite, Course 1, 2 or its equivalent and some knowledge of Physics. Two hours per week. *Four semester hours.*

19-20. PROBLEMS AND REPORTS. One hour a week is regularly devoted to reports on current articles in journals or on other special topics. A weekly problem paper reviewing mathematics studied in former years is discussed at a second hour. Two hours per week. *Four semester hours.*

21-22. PROBLEMS AND REPORTS, SECOND COURSE. Students specializing in Mathematics will normally take work of the nature outlined in Course 19-20 for two years, the content being different in successive years. In this case, the second year is called Course 21-22. Description and credits as above.

## MUSIC

PROFESSOR GOEPP, MISS HARTENSTINE, MR. LEMAN

1-2. EAR TRAINING AND SIGHT SINGING. Training in the accurate recognition of intervals; development of the rhythmic sense; writing from dictation of simple melodic phrases. A fundamental course. Two hours per week. *Four semester hours.*

3-4. HARMONY. Elementary and advanced harmony; Harmonization of melodies; modulation; modern harmony. Lectures and assigned work. One period per week. *Four semester hours.*

5-6. COUNTERPOINT. Counterpoint in two, three and four parts. Writing of obbligatos, songs, part songs and madrigals. Lectures and assigned work. One period per week. *Four semester hours.*

7-8. CANON AND FUGUE. The writing of anthems. Lectures, discussions, criticisms and assigned work. One period per week. *Four semester hours.*

9-10. FREE FORM. The writing of instrumental music in sonata form. Lectures, discussions, criticisms and assigned work. One period per week. *Four semester hours.*

11-12. HISTORY AND APPRECIATION. Origin and growth of the art of music illustrated by records of Greek and early Christian music. The study of the masters, their forms, contributions and influence. Lectures and papers. Illustrations at the piano. One period per week. *Four semester hours.*

13-14. BAND AND ORCHESTRA. Lectures on musical instruments; individual and class instruction in their use. Development of skill in playing. One period class-work and two and one-half hours practice per week. *Four semester hours.*

NOTE.—In the Department of Music the periods vary in length depending on the nature of the subject-matter treated and the number of students in the class. In every case sufficient time is given to fully cover the work embraced in the course.

## PHILOSOPHY

PROFESSOR TOWER, PROFESSOR BANCROFT

*One semester course in Philosophy is required of every student for graduation.*

1. LOGIC. A study of the guiding principles involved in correct thinking; the use of terms and classification; the nature of deductive inference with special reference to fallacious forms of reasoning as they receive expression in daily life; the canons of inductive inference, and the basic concepts involved in scientific method. Three hours per week. *Three semester hours.*

Course 1 alternates with Psychology 4. Not offered in 1934-35.

2. ETHICS. A study of the principles of moral judgment, with exposition and criticisms of the more important theories concerning the basis of distinction between right and wrong conduct; the various problems of theoretical and practical ethics. Papers by students. Three hours per week. *Three semester hours.*

Course 2 is given in both the First and Second semesters.

3. INTRODUCTION TO PHILOSOPHY. A preliminary course designed to give the student some orientation with reference to the field and problems of philosophy. Three hours per week. *Three semester hours.*

5. PHILOSOPHY OF RELIGION. An outline course designed to acquaint the student with the fundamental problems of the religious consciousness in their philosophical aspects. Students electing this course should have taken Course 2 or Course 9 in Religion. Three hours per week. *Three semester hours.*

6. MODERN PHILOSOPHICAL PROBLEMS. A more intensive study of problems outlined in Philosophy 3 and Philosophy 5, affording further orientation for the more detailed and critical treatment of topics considered in Course 9-10. Prerequisite: Psychology 1 and Courses 3 and 5 or 8. Three hours per week. *Three semester hours.*



7. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. This course and the following are designed to assist the student in his interpretation of modern thought-currents by giving him some acquaintance with the productions of the great constructive minds of the past. Three hours per week. *Three semester hours.*

Students may not register for Course 7 unless they also take Course 8.

8. HISTORY OF MODERN PHILOSOPHY. Descartes; Spinoza; Leibniz; the English Empiricists; Kant, and Post-Kantian Idealism; Recent Philosophical Tendencies. Three hours per week. *Three semester hours.*

9-10. PHILOSOPHICAL SEMINAR. Recent and contemporary philosophical constructions and their critics. Idealism, Pragmatism, Neo-Realism. Selected portions of the works of Bradley, Royce, James, Schiller, Bosanquet, and the Realists will be read. Prerequisite, nine semester hours in Philosophy. Two hours per week. *Four semester hours.*

NOTE: Courses in Philosophy are open only to Third and Fourth year students. Candidates for Department Honors must have had twelve semester hours in Philosophy.

## PHYSICAL EDUCATION

PROFESSOR BROWBACK, ASSOCIATE PROFESSOR GERNEY, MISS SNELL,  
MR. JOHNSON, MR. FOERTSCH, MR. NELSON, MRS. OGDEN, MR. McAVOY,  
MR. CHASE, MISS UHRICH

1-2. INTRODUCTION TO PHYSICAL EDUCATION. Interpretation of Physical Education; survey of content, terminology and technique of the various activities; definitions and special aims as determined by the functional or developmental effects of the various activities; physiological effects of the various activities. Two hours per week. *Four semester hours.*

3. FIRST AID. Modes of infection; use of insecticides, germicides, disinfectants; methods of dressing and bandaging; what to do and what not to do in case of injuries and accidents; first aid treatment for hemorrhages, bruises, strains, sprains, dislocations, fractures; diagnosis and treatment of poisoning, etc. The American Red Cross will grant a certificate to those who pass an approved examination. One hour per week. *One semester hour.*

4. THEORY OF PLAYS AND GAMES. A course in the theories, characteristics, methods and value of play; consideration of the social, educational and biological aspects of play. A development in the



various types of expression and interest through the different age levels. Two hours per week. *Two semester hours.*

5-6. PRINCIPLES AND METHODS OF PHYSICAL EDUCATION. The content and ideals of physical education. The kind, classification, selection, management, and graduation of physical exercises; the construction of lessons to such varying factors as age, sex, gymnastic plant, and type of community. Two hours per week. *Four semester hours.*

7. PRINCIPLES AND METHODS OF COACHING. Organizing and developing a team; offensive and defensive tactics; play in various positions. Correct and incorrect form studied and visualized by photograph, stereoptical and moving pictures. Football, Soccer, Basketball, Baseball, Track and Field Athletics, Hockey and Swimming. Two hours per week. *Two semester hours.*

8. ORGANIZATION AND ADMINISTRATION OF ATHLETICS. Value of sports for all; methods of creating interest; managers and captains; eligibility; transfer rules; coaching; officials; schedule making; intramural programs; budgeting; construction and care of fields. Two hours per week. *Two semester hours.*

9. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. The organization of the department of physical and health education from the standpoint of the problems and responsibility of department heads; duties of staff and its relationship in organization and administration to other departments; rating and selection of teachers; teaching load; making of schedules, records and reports; order and discipline; construction and equipment of the physical plant and the administration of its use. Two hours per week. *Two semester hours.*

10. ORGANIZATION AND ADMINISTRATION OF RECREATION. Management and activities of playgrounds, community and settlement houses; equipment and arrangement of apparatus, places for games, wading pools and buildings; methods of organization; management and arrangement of programs. Lectures, topic assignments and visitations. Two hours per week. *Two semester hours.*

12. HYGIENE. The symptoms of diseases of school children; communicable diseases; tuberculosis, tonsillar and adenoid diseases. A study of acute communicable diseases, scarlet fever, diphtheria, measles, chicken pox, etc., particularly as regards the early symptoms, so that teachers may advise parents to seek medical advice. Two hours per week. *Two semester hours.*

13. APPLIED ANATOMY (KINESIOLOGY). Principles of bodily movements; detailed study of the important muscle groups engaged in the various body movements; all of the fundamental movements and exercises in gymnastics and athletics are analyzed. Two hours per week. *Two semester hours.*

14. PHYSIOLOGY OF EXERCISE. The Physiological effect of exercise upon the structures and functions of the body; upon respiration, circulation, nutrition, nervous system and the organs of elimination; problem of conditioning, training, overwork, stiffness, fatigue and breathlessness; effects of exercises of strength, skill, endurance and speed. Two hours per week. *Two semester hours.*

15. PHYSICAL DIAGNOSIS AND PRESCRIPTION WORK. Study of the normal human body and structural deviations with regard to abnormal posture, curvature of spine, round shoulders and flat chest, low right or left shoulder, flat feet and weakness of muscle groups; impaired vision and hearing; abnormal conditions of mouth, throat, and nose. Study of the various examination blanks; methods of making health examinations, anthropometric measurements and the correction of remediable defects. Two hours per week. *Two semester hours.*

16. HEALTH EDUCATION IN SCHOOLS. The problem of the classroom teacher in Health Education; special methods of correlating hygiene with other school activities, medical inspection, school lunches, heating, ventilating, seating and lighting; health attitudes and habits; health education programs; selection of materials and methods of teaching in elementary, junior and senior high schools. Two hours per week. *Two semester hours.*

18. HISTORY OF PHYSICAL EDUCATION. The history of Physical Education in its relation to the history of civilization; status of physical education in primitive society; the ancient oriental nations; Greeks and Romans; status of physical education in the early Christian society; the Renaissance; Germany, Scandinavia and Great Britain since 1800; Colonial outdoor games; gymnastic movements and their leaders; American sports; Universities and Colleges, elementary and high schools; playground movement; health education and teacher training. One hour per week. *One semester hour.*

20. ADOLESCENT ORGANIZATIONS. The fundamental principles and policies common to adolescent organizations; the period of adolescence and physical needs; recreational leadership; extra-curriculum activi-

ties; Boy Scouts; Woodcraft League, Camp Fire Girls, Girl Scouts and Girl Reserves. One hour per week. *One semester hour.*

COURSE IN ANATOMY AND PHYSIOLOGY. See BIOLOGY, Course 17-18, p. 37.

#### APPLIED PHYSICAL EDUCATION

101-2. GENERAL GYMNASICS AND GRADED GAMES. Fundamentals in free exercises; tactics of the individual, rank and combinations; exhibition drills; graded games and plays for school room, playground and gymnasium. Two hours per week. *Two semester hours.*

103-4. GENERAL GYMNASICS AND GRADED GAMES. The work of the first year is increased in difficulty. Arrangement of material from the standpoint of the teacher. One hour per week. *One semester hour.*

105-6. GENERAL GYMNASICS AND GRADED GAMES. Swedish and Danish gymnastics; planning and teaching lessons. Student will work out the lesson plan and teach it to the class. One hour per week. *One semester hour.*

107-8. OBSERVATION, PRACTICE TEACHING AND CRITICISM. Training in teaching as outlined in Education, Course 5 (See page 42). Seven hours per week. In addition students majoring in Physical Education conduct classes in Physical Training for the general student body of the College (See Physical Training, page 59). One hour per week. Total: eight hours per week. *Four semester hours.*

109-10. DANCING. Folk dances and singing games; group country dances including English and Morris dances. One hour per week. *One semester hour.*

111-12. DANCING. The technique of æsthetic dancing; group and character dances; advanced folk dances; character dancing with special attention to personal technique. One hour per week. *One semester hour.*

113-14. DANCING (Women). Advanced æsthetic dances, ballet work, clogging and dance composition.

(Men). Gymnastic and athletic dancing steps and dances. Clogging and acrobatic dancing. One hour per week. *One semester hour.*

115-16. DANCING. Continuation of the work of the third year. Composing dances suitable for use in the various grades as teaching material. Practice teaching. One hour per week. *One semester hour.*

117-18. APPARATUS WORK. Fundamental positions on all pieces of gymnastic apparatus; practice of assisting and methods of placing and handling gymnastic apparatus. One hour per week. *One semester hour.*



119-20. APPARATUS WORK. Exercises suitable for boys and girls of the junior high school age; squad work with various grades of difficulty; tumbling and pyramid building. One hour per week. *One semester hour.*

121-22. APPARATUS WORK. Personal practice in advanced and difficult stunts and combinations. One hour per week. *One semester hour.*

123-24. APPARATUS WORK. Continuation of the work of the third year arranging apparatus objectives and efficiency tests. Methods of marking and officiating. One hour per week. *One semester hour.*

125-26. ATHLETICS. Fundamentals, learning to play the various games. First semester's work will consist of (Men) football, soccer, and cross-country running; (Women) hockey and soccer. The second semester's work will include (Men) basketball, wrestling, boxing, track and field events, baseball, tennis and swimming; (Women) basketball, track and field events, baseball (12 inch ball), tennis and swimming. Eight hours per week. *Two semester hours.*

127-28. ATHLETICS. The organization and development of a team; perfecting one's self to the highest possible degree of efficiency. Eight hours per week. *Two semester hours.*

129-30. ATHLETICS. Competing in various sports on varsity teams; coaching teams in the intramural leagues. Eight hours per week. *Two semester hours.*

131-32. ATHLETICS. Competing, officiating and coaching. Eight hours per week. *Two semester hours.*

## PHYSICAL TRAINING

ASSOCIATE PROFESSOR GERNEY, MISS SNELL, MR. CHASE, MISS UHRICH

1-2. PHYSICAL TRAINING FOR MEN. Systematic gymnastic training including marching tactics, calisthenics, and apparatus work, with a view to health in the individual student and instruction in technique. Two hours per week throughout the First and Second years. Not a credit course.

1-2. PHYSICAL TRAINING FOR WOMEN. Gymnastics, marching tactics, apparatus work, folk-dancing. Exercises to suit the needs of students with special reference to health and posture. Two hours per week throughout the First and Second years. Not a credit course.

Course 1-2 is prescribed for all students except those in the Physical Education Group.

Each student is given a physical examination at the beginning of the year and the work is prescribed with a view to particular needs. Football, basketball, baseball, track and tennis for men and hockey, basketball, baseball, track and tennis for women are the forms of athletics provided. In one or another of these forms every student in College who is physically fit is encouraged to participate.

## PHYSICS

ASSOCIATE PROFESSOR MAUCHLY

A-B. INTRODUCTION TO SCIENCE. See BIOLOGY, Course A-B, page 36.

1-2. GENERAL PHYSICS. An introductory course covering mechanics, heat, sound, light, electricity and magnetism, with reference to current scientific work where opportunity permits. Physics is considered in two aspects: as a science having applications in practical life, and as an application, in itself, of general scientific method. The solution of problems contributes toward the illustration of both aspects. Prerequisite, Mathematics 3-4, which may, however, be pursued concurrently. Three hours lectures and two hours laboratory work per week. *Eight semester hours.*

3. MECHANICS. A mathematical treatment of theoretical mechanics, with applications. Practical measurements are made in the laboratory. Prerequisite, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

4. ELECTRICITY AND MAGNETISM. The subject is treated mathematically. Illustrations are drawn from various sources, including radio circuits. Operating characteristics of vacuum tubes are studied. Fundamental measurements are made in the laboratory. Prerequisites, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

Courses 3 and 4 alternate with Courses 5 and 6. Courses 3 and 4 will be offered in 1934-35.

5. THERMODYNAMICS. The laws of thermodynamics; their application to physical and chemical problems. Essential measurements are made in the laboratory, and temperature measuring instruments are studied. Prerequisites, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

6. OPTICS. Optical systems are studied in detail, and selected topics in Physical Optics are discussed. A first-hand acquaintance with optical instruments and optical phenomena is provided in the

laboratory. Prerequisites, Course 1-2 and Mathematics 3-4. Three hours recitations and two hours laboratory work per week. *Four semester hours.*

7-8. MODERN PHYSICS. Photoelectric phenomena, radio-activity, X-rays, and the discharge of electricity through gases are studied with a view to understanding contemporary advances in fundamental science. Prerequisites, Course 1-2 and Mathematics 3-4. Three recitations per week. *Six semester hours.*

## POLITICAL SCIENCE

PROFESSOR BARNARD, MR. WILLAUER

1-2. AMERICAN GOVERNMENT. A study of the activities, organization, and legal powers of federal, state, and local governments in the United States. This is an extensive, basic course, intended both for those whose major interest is in other fields and as a foundation for those who expect to specialize in Political Science. Prerequisite for all the more advanced courses in Political Science. Three hours per week. *Six semester hours.*

3-4. MUNICIPAL GOVERNMENT. The daily work of the city; home rule, commission and city manager systems; municipal budgets; public utilities; city planning, public safety, and public health; power and position of the city in our political system; present tendencies in municipal government. Three hours per week. *Six semester hours.*

5-6. COMPARATIVE GOVERNMENT. A detailed comparison of the Cabinet and Presidential systems, as exemplified by England and the United States; the study then extended to other representative governments of Europe, including France, Germany, Italy, Switzerland, and Russia. Three hours per week. *Six semester hours.*

7. POLITICAL PHILOSOPHY. A study of the nature and ends of the state, of government, of law, and the relation of sovereignty to individual liberty. Constant use is made of the writings of contemporary political scientists, such as Burgess, Willoughby, Wilson, Dealey, Bryce, Haines, Gettell, Garner, and Leacock. Three hours per week. *Three semester hours.*

8. AMERICAN POLITICAL THEORY. An attempt to get at the thinking that lay back of political action during the colonial, revolutionary, and national periods of our history. Considerable attention is given to decisions of the Federal Supreme Court. Course 7 is a prerequisite to Course 8. Three hours per week. *Three semester hours.*

9-10. INTERNATIONAL LAW. A study of the growth and development of international law and organization. The underlying principles



governing the inter-relationships of states is illustrated by the extensive use of the case method. Three hours per week. *Six semester hours.*

11-12. SEMINAR IN POLITICAL SCIENCE. Various problems in government, political theory, and international law presented in carefully prepared papers, followed by class comment and discussion. Two hours per week. *Four semester hours.*

Course 11-12 is open only to seniors who have taken at least two other courses in Political Science.

Members of the History-Social Science Group majoring in Political Science must take from the foregoing courses an amount of work aggregating at least eighteen semester hours.

21-22. METHODS OF TEACHING THE SOCIAL STUDIES. The Pennsylvania course of study in History and Social Science for junior and senior high schools, interpreted in the light of modern ideals and practices. Two hours per week. *Four semester hours.*

This course corresponds to the one now being given in state teachers colleges and university schools of education, and is required by this Department of all who are qualifying to teach Social Studies in the Pennsylvania secondary schools.

## PSYCHOLOGY

PROFESSOR TOWER, PROFESSOR TYSON, ASSOCIATE PROFESSOR SHEEDER

1. ELEMENTARY PSYCHOLOGY. An introductory study of mental life and accompanying types of human behavior. Three hours per week. *Three semester hours.*

2. ELEMENTARY PSYCHOLOGY. A course similar in content to Course 1. Given in order to make the study available in both semesters. Three hours per week. *Three semester hours.*

Course 1 or 2 must be taken in the second year by all students preparing to become teachers.

4. SOCIAL PSYCHOLOGY. A study of group action and of the group influences by which the individual is surrounded; tradition, custom, public opinion, and other psychological and social forces which affect individual judgment and action. Three hours per week. *Three semester hours.*

Course 4 alternates with Philosophy 1. Offered in 1934-35.

5. EDUCATIONAL PSYCHOLOGY. The data of psychology in their bearing upon teaching and learning; instinctive equipment of the learner; variation in human capacities; inheritance of human traits; rate and progress of learning; transference of training and allied

subjects. Prerequisite, Psychology 1 or 2. Three hours per week.

• *Three semester hours.* See EDUCATION, Course 3.

6. PSYCHOLOGY OF RELIGION. The psychological processes of the religious life are analyzed and described. Worship, prayer, faith and other religious phenomena are considered. Third and Fourth years. Three hours per week. *Three semester hours.* See RELIGION, Course 9.

## PUBLIC SPEAKING

ASSOCIATE PROFESSOR CARTER, MRS. SHEEDER

1-2. PAGEANTRY. The theory and practice of pageantry. Under careful supervision, students in this Course are given training and experience in the management of the May Pageant. Two hours per week. *Four semester hours.*

Course 2 is elective for young women of the Third and Fourth years in all the groups.

3. ELEMENTARY PUBLIC SPEAKING. Psychology of speech: emotion, attention, persuasion. Mechanics of speech: gesture, voice culture, expression. Recitations based on textbook, composition and delivery of short original speeches. Three hours per week. *Three semester hours.*

4. ADVANCED PUBLIC SPEAKING. Problems of the speaker, divisions of a speech, types of speeches, style of the spoken word. Recitations based on textbook. Writing and delivery of various types of speeches. Three hours per week. *Three semester hours.*

Courses 3 and 4 are elective for Second and Third year students in all groups.

## RELIGION

ASSOCIATE PROFESSOR SHEEDER, MRS. SHEEDER

1. RELIGIONS OF MANKIND. A survey of the historic religions to discover characteristics and effects upon the civilizations of the world. The religion of the Hebrews is treated at length as a background for the study of Christianity. First and Second years. Three hours per week. *Three semester hours.*

2. INTRODUCTION TO BIBLICAL LITERATURE. An appreciative and historical study of the literature of the Bible, with a view to discovering its origin, nature, and significance in the life of today. First and Second years. Three hours per week. *Three semester hours.*

5. LIFE AND TEACHINGS OF JESUS. A comparative and interpretative study of the New Testament sources. A consideration of

the way in which Jesus met life situations and the application of His method to modern life. Third and Fourth years. Three hours per week. *Three semester hours.*

6. GROWTH OF CHRISTIANITY. A survey of the development of the Christian Church from the Apostolic period to modern times, with a view to understanding the nature and extent of its contributions to society. Third and Fourth years. Three hours per week. *Three semester hours.*

9. PSYCHOLOGY OF RELIGION. The psychological processes of the religious life are analyzed and described. Worship, prayer, faith and other religious phenomena are considered. Third and Fourth years. Three hours per week. *Three semester hours.* See PSYCHOLOGY, Course 6.

10. PRINCIPLES OF RELIGIOUS EDUCATION. A consideration of the theories underlying religious education, together with a study of aims and techniques. Third and Fourth years. Three hours per week. *Three semester hours.*

11. DRAMA AND PAGEANTRY. Survey of the field. Historic use of the drama in religion; study and analysis of religious dramas and pageants; practical application of the principles of play production; co-operative class presentation of a one-act play put on as the Sunday evening program in various community churches throughout the school year.

12. THE CHURCH SCHOOL. A study of the principles and methods underlying the organization and administration of the Sunday School, Vacation Church School and Week-day School of Religion. Third and Fourth years. Three hours per week. *Three semester hours.*

## SOCIOLOGY

MR. WILLAUER

1-2. INTRODUCTION TO SOCIOLOGY. A fundamental course covering the fields of social evolution, the forces shaping society including the physical environment, the biological equipment, the psychological foundations, and the cultural inheritance. It deals with social organizations and social control, and gives a brief introduction to social problems and their scientific treatment. The course aims at presenting a basis for a scientific understanding of society and for further study in the field of Sociology or Social Work. *Six semester hours.*



## SPANISH

ASSOCIATE PROFESSOR SIBBALD

1-2. BEGINNING SPANISH. (For those who begin Spanish in College, those who have had one year of High School Spanish, and those who have had two years of High School Spanish but show an insufficient knowledge of the subject in the Freshmen placement examinations. These latter must make a grade of B in the course to receive credit.) Beginning grammar and pronunciation. Irregular verb drill. Uniform note books. Reading and translation of graded texts to begin late in first semester. Three hours per week. *Six semester hours.*

3-4. INTERMEDIATE SPANISH. Review of Spanish grammar and syntax, with more advanced treatment of pronunciation. Special attention to verbs and modern idioms. Conversation in second semester. Original compositions in Spanish. Uniform note books. One hour per week of reading and translation of selected, graded texts. Class discussions in Spanish. Prerequisites, Course 1-2, or equivalent. Three hours per week. *Six semester hours.*

5-6. SPANISH LITERATURE AND COMMERCIAL SPANISH. Readings and translations of masterpieces of prose, poetry, and drama of the Siglo de Oro during first semester. Readings and translations of contemporary masterpieces during second semester. Class discussions in Spanish. Compositions and reports in Spanish. Outside readings. Lectures in Spanish on Spanish literature and literary movements. One hour per week of Commercial Spanish. Study and drill on business vocabulary, forms, and letters. Original commercial letters. Prerequisite, Spanish 3-4, or equivalent. Three hours per week. *Six semester hours.*

## THE GROUPS

The group system is employed in the organization and administration of instruction. By this system, the courses of instruction are offered in carefully arranged groups, each comprising (1) dominant subjects which adapt the group to the intellectual tastes and the future purposes of the student, (2) other prescribed subjects essential to a liberal education and required of all students, and (3) elective subjects from which may be selected studies meeting the particular objectives of each individual. A student, at matriculation, chooses the group of studies he desires to pursue, and with the advice and consent of his Adviser, selects his studies for the year and reports the same to the Dean on a blank provided for the purpose. By virtue of this act he becomes a member of the group of his choice and as such is officially recognized thereafter in all acts and processes of administration in the College. A student who is uncertain on entering college as to his life purposes and, therefore, undecided as to the group of studies he should pursue, may make a temporary choice and change to any group he may prefer at the end of the first year.

### CHOICE OF STUDIES

In registering, the student must present his complete list of studies, both prescribed and elective, *for the whole year*.

Courses to satisfy conditions take precedence of regular courses. It is strongly advised that conditions be made up in summer so as not to interfere with the proper arrangement of one's curriculum as laid down.

In selecting studies for the year, the student will follow the synopsis of his group as presented, although with the approval of his Adviser and of the Dean, he may substitute other studies for the elective courses listed, or at the beginning of a year may change from one group to another.

When a student changes to another group he will receive credit toward graduation only for such of the prescribed courses as he may have completed as are included in the group to which he has received permission to change.

## REQUIREMENTS FOR GRADUATION

For the degree of Bachelor of Arts or Bachelor of Science, a student must complete *one hundred and twenty-four semester hours* of work. In addition, each student must complete at least four semester hours of physical training. A student may not take in any one semester less than twelve or more than eighteen semester hours of work. It is strongly recommended that the student's curriculum include: First year, thirty-three semester hours; Second year, thirty-two semester hours; Third year, thirty-two semester hours; Fourth year, twenty-seven semester hours. The Adviser may permit a deviation from these hours to an extent of three semester hours.

In the Physical Education Group, 140 semester hours of work are required for graduation. These should be distributed as follows: First year, 36 semester hours; Second year, 36 semester hours; Third year, 35 semester hours; Fourth year, 33 semester hours.

In arranging his curriculum, every regular student must provide for meeting the following general requirements:

1. Six semester hours of the foreign language accepted in satisfaction of the prescribed requirement for admission in which the student shall have passed a satisfactory achievement test at matriculation, otherwise twelve semester hours; or twelve semester hours of a foreign language begun in college, the aim being to have a reading knowledge of at least one foreign language by the end of the Second Year.
2. Three semester hours of English composition and three semester hours of English literature.
3. Six semester hours of history (Course 1-2).
4. Three semester hours of psychology.
5. Three semester hours of philosophy.
6. Eight semester hours of science with laboratory work.



Of the Groups outlined on the following pages, the History-Social Science, the English, The Modern Languages and the Business Administration groups lead to the degree of *Bachelor of Arts*; The Mathematics, The Chemistry-Biology and the Physical Education groups lead to the degree of *Bachelor of Science*.

In the synopses of the Groups as presented, prescribed courses are printed in small capitals. Figures designate courses as arranged by departments on preceding pages. Odd numbers refer to first semester, even numbers to second semester. Numbers in parentheses indicate semester hours.

Prescribed courses should be taken, as far as possible, in the years in which they appear in the synopses.

# Groups of Courses

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## THE MATHEMATICS GROUP

### First Year

MATHEMATICS 1, 2 or 3, 4 or	(6)
MATHEMATICS 1a, 2a	(4)
BIOLOGY A-B	(4)
ENGLISH COMP. 1	(3)
ENGLISH COMP. 2 or	
ENGLISH LIT. 2	(3)
FOREIGN LANGUAGE	(6)
PHYSICAL TR. 1-2	
Biology 1	(2)
Economics 1, 2	(4)
Foreign Language	(6)
History 1-2	(6)
Music 1-2; 13-14	(4)
Religion 1; 2	(3)

### Second Year

MATHEMATICS 3, 4 or 5, 6	(6)
PHYSICS 1-2	(8)
HISTORY 1-2 or 7, 8	(6)
PHYSICAL TR. 1-2	
Biology 3-4	(8)
Chemistry 1-2	(8)
Education 1; 2	(3)
English Comp. 3-4	(6)
English Comp. 6	(3)
English Lit. 1; 2	(3)
English Lit. 3-4; 11-12	(4)
French 5-6	(4)
German 5, 6	(6)
Political Science 1-2	(6)
Psychology 1 or 2	(3)
Religion 1; 2	(3)
Spanish 3-4	(6)

### Third Year

MATHEMATICS 7-8 or 11-12	(4)
MATHEMATICS 19, 20	(4)
PSYCHOLOGY 1 or 2	(3)
Biology 3-4	(8)
Biology 11-12	(4)
Chemistry 3-4	(8)
Economics 3-4	(6)
Education 3; 4	(3)
English Comp. 6	(3)
English Lit. 7; 8; 13; 14	(3)
English Lit. 11-12	(4)
French 5-6; 7-8	(4)
German 9, 10 or 11, 12	(4)
History 7, 8; 9, 10	(6)
History 5, 6	(6)
Mathematics 13-14; 17-18	(4)
Mathematics 15, 16	(4)
Music 3-4; 13-14	(4)
Philosophy (any course)	(3)
Physics 3, 4	(8)
Political Science 5, 6	(6)
Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(6)

### Fourth Year

MATHEMATICS 11-12 or 7-8	(4)
MATHEMATICS 21-22	(4)
PHILOSOPHY (any course)	(3)
Biology 11-12	(4)
Education 5; 7; 10	(3)
English Lit. 7, 8	(6)
English Lit. 9-10; 11-12	(4)
English Lit. 13; 14	(3)
German 11, 12	(4)
History 9, 10; 5, 6	(6)
History 5, 6	(6)
Mathematics 13-14; 17-18	(4)
Mathematics 15-16	(4)
Music 5-6; 13-14	(4)
Philosophy 2	(3)
Philosophy 3	(3)
Philosophy 5; 6	(3)
Philosophy 7, 8	(6)
Philosophy 9-10	(4)
Physics 7-8	(6)
Political Science 7; 8	(3)
Public Speaking 1-2	(4)
Religion 5; 6	(3)
Religion 9; 10; 11; 12	(3)
Sociology 1-2	(6)

## THE CHEMISTRY-BIOLOGY GROUP

*First Year*

BIOLOGY 3-4, <i>or</i>	
CHEMISTRY 1-2	(8)
ENGLISH COMP. 1	(3)
ENGLISH COMP. 2 <i>or</i>	
ENGLISH LIT. 2	(3)
FOREIGN LANGUAGE	(6)
MATHEMATICS 1, 2 <i>or</i>	(6)
MATHEMATICS 1a, 2a	(4)
PHYSICAL TR. 1-2	

Biology 1	(2)
Economics 1, 2	(4)
Foreign Language	(6)
History 1-2	(6)
Mathematics 3, 4	(6)
Music 1-2; 13-14	(4)
Religion 1; 2	(3)

*Second Year*

CHEMISTRY 1-2 <i>or</i> 3-4 <i>or</i>	
BIOLOGY 3-4	(8)
HISTORY 1-2	(6)
MATHEMATICS 3, 4	(6)
PHYSICS 1-2	(8)
PHYSICAL TR. 1-2	
Education 1; 2	(3)
English Comp. 3-4	(6)
English Comp. 6	(3)
English Lit. 3-4	(4)
French 5-6	(4)
German 5, 6	(6)
Music 1-2; 13-14	(4)
Political Science 1-2	(6)
Psychology 1 <i>or</i> 2	(3)
Religion 1; 2	(3)
Spanish 3-4	(6)

*Third Year*

BIOLOGY 9-10 <i>or</i>	
CHEMISTRY 3-4 <i>or</i> 5-6	(8)
PSYCHOLOGY 1 <i>or</i> 2	(3)

Biology 11-12	(4)
Chemistry 9-10; 11-12	(6)
Economics 3-4	(6)
Education 1; 2; 3; 4	(3)
English Comp. 6	(3)
English Lit. 7; 8; 13; 14	(3)
English Lit. 11-12	(4)
French 5-6; 7-8	(4)
German 9, 10 <i>or</i> 11, 12	(4)
History 7, 8; 9, 10	(6)
History 5, 6	(6)
Music 13-14	(4)
Philosophy (any course)	(3)
Physics 3, 4	(8)
Political Science 5; 6	(3)
Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(6)
Spanish 5-6	(6)

*Fourth Year*

CHEMISTRY 7-8 <i>or</i>	
BIOLOGY 9-10	(8)
PHILOSOPHY (any course)	(3)

Biology 11-12	(4)
Biology 15-16	(8)
Chemistry 9-10; 11-12	(6)
Education 5; 7	(3)
English Lit. 7, 8	(6)
English Lit. 9-10; 11-12	(4)
English Lit. 13; 14	(3)
French 9-10	(4)
German 11, 12	(4)
History 7, 8; 9, 10	(6)
History 5, 6	(6)
Philosophy 1; 2; 3	(3)
Philosophy 5; 6; 7; 8	(3)
Philosophy 9-10	(4)
Physics 3; 4; 5; 6	(4)
Physics 7-8	(6)
Political Science 7; 8	(3)
Public Speaking 1-2	(4)
Religion 5; 6	(3)
Religion 9; 10; 11; 12	(3)
Sociology 1-2	(6)



# Groups of Courses

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## THE HISTORY-SOCIAL SCIENCE GROUP

### First Year

HISTORY 1-2	(6)
BIOLOGY A-B	(4)
ENGLISH COMP. 1	(3)
ENGLISH COMP. 2 or	
ENGLISH LIT. 2	(3)
FOREIGN LANGUAGE	(6)
PHYSICAL TR. 1-2	

Biology 1	(2)
Economics 1, 2	(4)
Foreign Language	(6)
Mathematics 1, 2*	(6)
Mathematics 3, 4	(6)
Music 1-2; 13-14	(4)
Religion 1; 2	(3)

### Second Year

POLITICAL SCIENCE 1-2	(6)
ECONOMICS 3-4	(6)
PHYSICAL TR. 1-2	
French 3-4	(6)
German 5, 6	(6)
Spanish 3-4	(6)
Biology 3-4	(8)
Biology 6	(2)
Chemistry 1-2	(8)
Education 1; 2	(3)
English Comp. 3-4	(6)
English Comp. 6	(3)
English Lit. 1	(3)
English Lit. 3-4	(4)
History 5, 6; 7, 8	(6)
Physics 1-2	(8)
Psychology 1 or 2	(3)
Religion 1; 2	(3)

### Third Year

POLITICAL SCIENCE 5, 6 or	
HISTORY 7, 8 or 9, 10	(6)
PSYCHOLOGY 1 or 2	(3)

Biology 11-12	(4)
Economics 5, 6	(6)
Education 3; 4	(3)
English Comp. 6	(3)
English Lit. 7, 8; 13, 14	(6)
English Lit. 11-12	(4)
French 5-6; 7-8	(4)
German 9, 10	(4)
History 5, 6	(6)
Music 5-6; 13-14	(4)
Philosophy (any course)	(3)
Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)
Religion 5; 6	(3)
Religion 10; 11	(3)
Sociology 1-2	(6)
Spanish 5-6	(6)

### Fourth Year

HISTORY 9, 10 or 5, 6 or	
POLITICAL SCIENCE 7, 8	(6)
PHILOSOPHY (any course)	(3)

Biology 11-12	(4)
Economics 13 and 14	(6)
Education 5; 7; 10	(3)
English Lit. 7, 8	(6)
English Lit. 9-10; 11-12	(4)
English Lit. 13; 14	(3)
History 5, 6; 7, 8	(6)
Mathematics 13-14	(4)
Mathematics 15-16	(4)
Philosophy 1; 2	(3)
Philosophy 3; 4; 5; 6; 7; 8	(3)
Philosophy 9-10	(4)
Political Science 11-12	(4)
Political Science 21-22	(4)
Public Speaking 1-2	(4)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(6)

\*Prescribed for students credited with only 2.5 units of Mathematics toward admission except those electing Latin.

## THE ENGLISH GROUP

*First Year*

ENGLISH COMP. 1	(3)
ENGLISH COMP. 2 <i>or</i>	(4)
ENGLISH LIT. 2	(3)
BIOLOGY A-B	(4)
FOREIGN LANGUAGE	(6)
PHYSICAL TR. 1-2	
Biology 1	(2)
Economics 1, 2	(4)
Foreign Language	(6)
History 1-2	(6)
Mathematics 1, 2*	(6)
Mathematics 3, 4	(6)
Music 1-2; 13-14	(4)
Religion 1; 2	(3)

*Second Year*

ENGLISH LIT. 3-4	(4)
ENGLISH LIT. 11-12	(4)
HISTORY 1-2	(6)
PHYSICAL TR. 1-2	
Biology 3-4	(8)
Biology 6	(2)
Chemistry 1-2	(8)
Education 1; 2	(3)
English Comp. 3-4	(6)
English Comp. 6	(3)
English Lit. 1; 2	(3)
French 3-4	(6)
German 5, 6	(6)
Music 3-4; 13-14	(4)
Political Science 1-2	(6)
Psychology 1 <i>or</i> 2	(3)
Religion 1; 2	(3)
Spanish 3-4	(6)

*Third Year*

ENGLISH LIT. 7, 8 <i>or</i> 13, 14	(6)
HISTORY 7, 8	(6)
PSYCHOLOGY 1 <i>or</i> 2	(3)
Biology 3-4	(8)
Biology 11-12	(4)
Chemistry 1-2	(8)
Education 3; 4	(3)
Economics 3-4	(6)
English Comp. 6	(3)
French 5-6; 7-8	(4)
German 9, 10	(4)
Music 5-6; 13-14	(4)
Music 7-8; 9-10; 11-12	(4)
Philosophy (any course)	(3)
Political Science 3; 4	(3)
Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(6)
Spanish 5-6	(6)

*Fourth Year*

ENGLISH LIT. 9-10	(4)
PHILOSOPHY (any course)	(3)
Biology 11-12	(4)
Education 5	(3)
Education 9, 10	(3)
English Lit. 13, 14	(6)
French 9-10	(4)
German 11, 12	(4)
History 5, 6; 7, 8	(6)
Mathematics 17, 18	(2)
Music 7-8; 13-14	(4)
Philosophy 1; 2	(3)
Philosophy 3; 4; 5; 6	(3)
Philosophy 7, 8	(6)
Philosophy 9-10	(4)
Political Science 7; 8	(3)
Political Science 9-10	(4)
Public Speaking 1-2	(4)
Religion 5; 6	(3)
Religion 10; 11	(3)
Sociology 1-2	(6)

\*Prescribed for students credited with only 2.5 units of Mathematics toward admission except those electing Latin.

# Groups of Courses

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## THE MODERN LANGUAGES GROUP

### *First Year*

FRENCH 1-2 or 3-4 or	
GERMAN 1-2 or 3, 4 or	
SPANISH 1-2 or 3-4	(6)
ENGLISH COMP. 1	(3)
ENGLISH COMP. 2 or	
ENGLISH LIT. 2	(3)
BIOLOGY A-B	(4)
PHYSICAL TR. 1-2	

Biology 1	(2)
Economics 1, 2	(4)
Foreign Language	(6)
History 1-2	(6)
Mathematics 1, 2*	(6)
Mathematics 3, 4	(6)
Music 1-2; 13-14	(4)
Religion 1; 2	(3)

### *Second Year*

FRENCH 3-4 or	(6)
FRENCH 5-6 or	(4)
GERMAN 5, 6 or	(6)
SPANISH 3-4	(6)
HISTORY 1-2	(6)
PHYSICAL TR. 1-2	
Biology 3-4	(8)
Biology 6	(2)
Chemistry 1-2	(8)
Education 1; 2	(3)
English Comp. 3-4	(6)
English Comp. 6	(3)
English Lit. 3-4	(4)
English Lit. 11-12	(4)
Music 3-4; 13-14	(4)
Political Science 1-2	(6)
Psychology 1 or 2	(3)
Religion 1; 2	(3)

### *Third Year*

GERMAN 9, 10 or	
FRENCH 5-6 or 7-8 or	(4)
SPANISH 5-6	(6)
PSYCHOLOGY 1 or 2	(3)
Economics 3-4	(6)
Education 3; 4	(3)
English Comp. 6	(3)
English Lit. 7, 8	(6)
English Lit. 13; 14	(3)
German 11, 12	(4)
History 5, 6; 7, 8	(6)
Music 5-6; 13-14	(4)
Music 7, 8	(4)
Political Science 5; 6	(3)
Philosophy (any course)	(3)
Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(3)

### *Fourth Year*

FRENCH 7, 8 or	
GERMAN 11, 12	(4)
English Lit. 7, 8 or 13, 14	(6)
PHILOSOPHY (any course)	(3)
Education 5; 7; 10	(3)
English Lit. 9-10	(4)
French 11-12	(4)
French 13-14	(6)
German 13, 14	(4)
History 5, 6; 7, 8	(6)
History 9, 10	(6)
Music 7, 8; 13-14	(2)
Philosophy 1; 2; 3; 4	(3)
Philosophy 5; 6	(3)
Philosophy 7, 8	(6)
Philosophy 9-10	(4)
Political Science 9-10	(4)
Public Speaking 1-2	(4)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(6)

\*Prescribed for students credited with only 2.5 units of Mathematics toward admission except those electing Latin.



## THE BUSINESS ADMINISTRATION GROUP

*First Year*

BIOLOGY A-B	(4)
ENGLISH COMP. 1	(3)
ENGLISH COMP. 2 <i>or</i>	
ENGLISH LIT. 2	(3)
FOREIGN LANGUAGE	(6)
PHYSICAL TR. 1-2	

Economics 1, 2	(4)
Biology 1	(2)
Foreign Language	(6)
History 1-2	(6)
Mathematics 1, 2*	(6)
Mathematics 3, 4	(6)
Music 1-2; 13-14	(4)
Religion 1; 2	(3)

*Second Year*

ECONOMICS 3-4	(6)
HISTORY 1-2 <i>or</i> 7, 8	(6)
POLITICAL SCIENCE 1-2	(6)
PHYSICAL TR. 1-2	

French 3-4 <i>or</i>	
German 3, 4 <i>or</i>	
Spanish 3-4	(6)
Biology 3-4	(8)
Biology 6	(2)
Chemistry 1-2	(8)
Education 1; 2	(3)
English Comp. 3-4	(6)
English Comp. 6	(3)
English Lit. 3-4	(4)
Mathematics 3, 4	(6)
Music 1-2; 3-4; 13-14	(4)
Physics 1-2	(8)
Psychology 1 <i>or</i> 2	(3)
Religion 1; 2	(3)

*Third Year*

ECONOMICS 5, 6 <i>or</i> 7, 8	(6)
POLITICAL SCIENCE 3, 4	(6)
PSYCHOLOGY 1 <i>or</i> 2	(3)

Economics 11-12	(6)
Economics 9-10	(6)
Education 3; 4	(3)
English Comp. 6	(3)
English Lit. 7, 8; 13, 14	(6)
History 5, 6; 7, 8	(6)
Mathematics 13-14	(4)
Mathematics 15-16	(4)
Music 5-6; 13-14	(4)
Philosophy (any course)	(3)
Public Speaking 1-2	(4)
Public Speaking 3, 4	(6)
Religion 5; 6; 9	(3)
Religion 10; 11; 12	(3)
Sociology 1-2	(6)
Spanish 5-6	(4)

*Fourth Year*

ECONOMICS 11-12	(6)
ECONOMICS 13 and 14	(5)
ECONOMICS 16	(3)
PHILOSOPHY (any course)	(3)

Economics 17-18	(6)
Education 5	(3)
Education 7; 10	(3)
English Lit. 7, 8; 13, 14	(6)
English Lit. 9-10; 11-12	(4)
History 7, 8; 9, 10	(6)
Mathematics 13-14	(4)
Mathematics 15-16	(4)
Philosophy 1; 2; 3	(3)
Philosophy 5; 6	(3)
Philosophy 7, 8	(6)
Philosophy 9-10	(4)
Political Science 9-10	(4)
Public Speaking 1-2	(4)
Religion 5; 6; 9; 10; 11; 12	(3)
Sociology 1-2	(6)

\*Prescribed for students credited with only 2.5 units of Mathematics toward admission except those electing Latin.

# Groups of Courses

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## THE PHYSICAL EDUCATION GROUP

### *First Year*

ENGLISH COMP. 1	(3)
ENGLISH LIT. 2	(3)
MUSIC 1, 2; 13-14	(4)
BIOLOGY 1	(2)
PHYSICAL ED. 1, 2	(4)
PHYSICAL ED. 4	(2)
PHYSICAL ED. 101-2	(2)
PHYSICAL ED. 109-10	(1)
PHYSICAL ED. 117-18	(1)
PHYSICAL ED. 125-26	(2)
FOREIGN LANGUAGE	(6)
Mathematics 1, 2*	(6)
Religion 1; 2	(3)

### *Second Year*

BIOLOGY 3-4	(8)
EDUCATION 1	(3)
PUBLIC SPEAKING 3	(3)
PSYCHOLOGY 2	(3)
HISTORY 1-2	(6)
PHYSICAL ED. 3	(1)
PHYSICAL ED. 5	(2)
PHYSICAL ED. 6	(2)
PHYSICAL ED. 10	(2)
PHYSICAL ED. 18	(1)
PHYSICAL ED. 103-4	(1)
PHYSICAL ED. 111-12	(1)
PHYSICAL ED. 119-20	(1)
PHYSICAL ED. 127-28	(2)

### *Third Year*

CHEMISTRY 1-2	(8)
EDUCATION 3, 4	(6)
SOCIOLOGY 1	(3)
BIOLOGY 17-18	(6)
PHYSICAL ED. 7	(2)
PHYSICAL ED. 8	(2)
PHYSICAL ED. 12	(2)
PHYSICAL ED. 20	(1)
PHYSICAL ED. 105-6	(1)
PHYSICAL ED. 113-14	(1)
PHYSICAL ED. 121-22	(1)
PHYSICAL ED. 129-30	(2)
Elective	(3)

### *Fourth Year*

CHEMISTRY 11-12	(6)
EDUCATION 10	(3)
PHILOSOPHY (any course)	(3)
PHYSICAL ED. 9	(2)
PHYSICAL ED. 13	(2)
PHYSICAL ED. 14	(2)
PHYSICAL ED. 15	(2)
PHYSICAL ED. 16	(2)
PHYSICAL ED. 107-8	(4)
PHYSICAL ED. 115-16	(1)
PHYSICAL ED. 123-24	(1)
PHYSICAL ED. 131-32	(2)
Electives	(6)

\*Prescribed for students credited with only 2.5 units of Mathematics toward admission.

Students having advanced standing in Physical Education or who pursue some of the courses prescribed above in summer schools whose work is accepted by Ursinus College, may have a larger choice of elective studies than is here represented.

# ADMINISTRATION

## GRADES OF SCHOLARSHIP

On the completion of a course the standing of a student is expressed, according to his proficiency, by one of six grades, designated respectively by the letters A, B, C, D, E and F. Grade E denotes failure which may be made up by a satisfactory re-examination. Grade F denotes failure such that the course must be repeated.

Each student is required to do a grade of work that shall average C in the courses pursued in any one year, and in the event of his failure to do so, he is credited with only the courses in which his grade is C minus or better.

A permanent record is kept of each student's work, and a report of the same is sent to his parents or guardian at the close of each semester. Through correspondence and conferences, the co-operation of parents is sought in the endeavor to get the best possible results in the work of students.

## HONORS

### COMMENCEMENT PARTS

Two commencement parts (or honors) are assigned to members of the graduating class: One to the person attaining the highest grade among the young men, the other to the person attaining the highest grade among the young women. Of these two, the one having the higher grade is assigned the Valedictory; the other, the Salutatory.

### GRADUATION WITH DISTINCTION

Members of the graduating class, who have shown great proficiency in their entire course may be graduated with distinction if, in the opinion of the Faculty, their attainments warrant such honors. These distinctions are: *Summa Cum Laude*, *Magna Cum Laude*, and *Cum Laude*, and are given only for unusual excellence in all the subjects pursued by the candidate.



## DEPARTMENT HONORS

Students may be graduated with special honors in departments of study in which they have shown exceptional proficiency, and in which they have done extra work as prescribed in the following rules:

1. A candidate for Department Honors must have the endorsement of the professor in charge of the department in which he expects to try for such honors, and must enroll as a candidate at the Dean's office not later than October 1st of the college year in which he expects to receive his degree.

2. A student must have maintained a grade not lower than C in any course previously pursued after the First year and must maintain an average of B while he is pursuing his work as a candidate for Department Honors.

3. A candidate shall be required to do an amount of work equivalent to three semester hours in the department in which he intends to try for honors in addition to the full number of semester hours prescribed for graduation of which at least twelve semester hours must be in the subject in which he is registered for Department Honors, and shall submit to the Faculty a thesis on some subject within the field represented by his extra work. The thesis must be presented at least one week before the time set for the Fourth year final examinations.

## PRIZES

## THE PHILIP H. FOGEL MEMORIAL PRIZE

The Philip H. Fogel Memorial Prize of Twenty-five Dollars is awarded annually to the member of the Senior class who shall have attained the highest excellence in the department of Religion, as shown by examination on completion of at least twelve semester hours of work. The prize has been endowed by Mrs. Edwin J. Fogel in memory of her son Philip H. Fogel, Ph.D., of the Class of 1901.

## THE E. L. WAILES MEMORIAL PRIZE

The E. L. Wailes Memorial Prize of Twenty Dollars is awarded annually to the member of the Freshman class who

shall have attained the highest standing in Courses 1 and 2 in the department of Religion. This prize has been established in memory of E. L. Wailes by his son, the Rev. George Handy Wailes, D.D., Professor of the English Bible in Ursinus College, 1908-1921.

#### THE ROBERT TRUCKSESS PRIZE

A prize of Twenty Dollars in gold established by Robert Trucksess, Esquire, of Norristown, Pennsylvania, is awarded annually at commencement to the member of the graduating class who shall have pursued the studies of the History-Social Science Group with the definite intention of entering the profession of the law, and who, in his college work shall have revealed superior ability (not necessarily highest grades) and promise of success as a future member of the legal profession. The competition for this prize is open only to men.

#### THE PAISLEY PRIZES

Two prizes of Twenty-five Dollars each for the best dissertations on an assigned topic by members of the senior class, one open to men, the other open to women, are offered respectively by Mr. and Mrs. H. E. Paisley, of Philadelphia. These prizes are offered with a view to encouraging students in the thoughtful application of the principles of Christianity to problems of practical life. The awards are made at the annual commencement exercises.

#### THE ELIZABETH ROCKEFELLER MCCAIN PRIZE

A prize of Fifty Dollars has been endowed in perpetuity by George Nox McCain, Litt.D., of Philadelphia, as a memorial to his mother, Elizabeth Rockefeller McCain. This prize is awarded at each annual commencement to the student who at the end of the Second year shall have shown greatest ability in the knowledge and use of the English language as indicated by work in composition and literature.

## THE BOESHORE PRIZES

Two prizes of Twenty-five Dollars each, endowed by Mr. and Mrs. Miller H. Boeshore of Philadelphia, one open to men, the other open to women, will be awarded at each annual commencement to those students who shall have attained the highest standing at the end of the First year in the study of Greek.

## THE DUTTERA PRIZE

A prize consisting of the income of Five Hundred Dollars contributed by Mrs. Amos Duttera of Taneytown, Maryland, to be awarded to the student attaining the highest standing in the study of Church History (Religion, Course 6).

## THE URSINUS WOMAN'S CLUB PRIZE

A prize of Twenty Dollars in gold, offered by the Ursinus Woman's Club is awarded at graduation to the young woman who shall have attained highest distinction in athletic sports.

## THE URSINUS CIRCLE PRIZE

A prize of Fifteen Dollars in gold offered by the Ursinus Circle, is awarded at Commencement to the young woman who shall have written the best pageant under the auspices of the Department of Public Speaking.

## THE VARSITY CLUB TROPHY

For the encouragement and promotion of interest among the classes as well as for the inspiration of the individual to participate in track athletics, the Varsity Club offers a trophy to the college class which scores the greatest number of points in the annual Interclass Track and Field Meet. The award is made on commencement morning.



## THE PRESIDENT'S AWARD

A gold medal bearing the Athletic Emblem of Ursinus College is awarded at graduation to the student who throughout his college course shall have won highest distinction in athletics. This medal is the gift of the President of the College.

## OPEN SCHOLARSHIPS

The College offers four scholarships of Three Hundred Dollars each, open to young men who may apply as candidates from approved preparatory and first-grade high schools. Selection for these scholarships is based on the following: 1. Qualities of personality, character and leadership. 2. Scholarly ability and attainments. 3. Physical vigor as shown by interest and skill in outdoor sports, or in other ways.

## DEGREES

Ursinus College confers two degrees in course—those of Bachelor of Arts and Bachelor of Science. For specific requirements see pages 67, 68. Degrees are conferred only on academic occasions and candidates must present themselves in person. Persons seeking the Master's degree are referred to the graduate schools of universities.

The College may confer the honorary degrees of Doctor of Divinity, Doctor of Pedagogy, Doctor of Science, Doctor of Letters and Doctor of Laws on persons whose distinguished ability or service may have been deemed worthy of such recognition by the Faculty.

## ORGANIZATIONS

The two literary societies, the ZWINGLIAN and the SCHAFF, each having held a place of honor and great usefulness in the College from the earliest days, have suspended activity, their functions having been assumed by other organizations.

The BIOLOGY CLUB, the HALL CHEMICAL SOCIETY, the JAMES M. ANDERS PRE-MEDICAL SOCIETY, the ENGLISH CLUB and the INTERNATIONAL RELATIONS CLUB are organizations for the promotion of scholarly interest in various fields of study.

The DEBATING CLUBS, TAU KAPPA ALPHA and the CURTAIN CLUB foster interest and develop skill in their respective fields of expression.

The YOUNG MEN'S CHRISTIAN ASSOCIATION, the YOUNG WOMEN'S CHRISTIAN ASSOCIATION and the BROTHERHOOD OF ST. PAUL represent active and helpful forms of religious life among the students.

The STUDENT GOVERNMENT ASSOCIATIONS, the ATHLETIC ASSOCIATIONS, the VARSITY CLUB, STUDENT PUBLICATIONS, the Men's and Women's GLEE CLUBS, the COLLEGE ORCHESTRA, the BAND and the CHAPEL CHOIR provide a wide range of extra-classroom activities for the exercise of special talents and the development of latent abilities.

The seven GROUPS of the college hold stated meetings. The groups are of the nature of literary and scientific clubs, and the meetings combine academical and social features.

## PUBLICATIONS

THE URSINUS BULLETIN, of which the catalogue is a number, is the official publication of the College. It is issued quarterly and is distributed free of charge to the students and the public.

THE URSINUS WEEKLY, published by the Alumni Association, is managed by a Board of Control representative of the alumni, the Faculty and the student body, and edited by a Staff chosen from among the students on a basis of merit. It is a four-page newspaper, invaluable as a record of life at Ursinus

for students and alumni alike. It is issued on subscription at cost.

THE RUBY, the Senior class book, is an annual printed on plate paper and elegantly bound. It is a pictorial volume presenting an intimate view of the year's life, not only of the Class, but of the whole College. The book is sold at a price to cover cost.

### POST OFFICE AND SUPPLY STORE

The College enjoys city mail delivery and there are convenient boxes for depositing outgoing mail. A Post Office is maintained on the campus for the accommodation of students. Adjacent to the Post Office is a Supply Store, in which is kept on sale a full line of college jewelry, felt goods, stationery, confections and students' supplies. New and second-hand books are supplied on order. The profits of the Store are used in the support of the College Library.

### EXPENSES

Ursinus College is a residential college. All students except those who reside in their own homes, occupy rooms provided by the College and take their meals in the college dining rooms. The expenses of the year are therefore comprehended in a single fee which covers class-room instruction, privileges of the library, the gymnasium and the infirmary, ordinary medical attention, care by the resident nurse, subscription to the *Ursinus Weekly*, admission to all athletic games on the home grounds, support of debating, the Christian associations and student government organizations, furnished room including heat, light and attendance, and table board exclusive of the Christmas and Easter recesses. This fee is \$675 to which \$40 is added for students occupying rooms on the first, second and third floors of the Brodbeck and Curtis dormitories. The charge for a



student attending College from his own home is \$350. The College reserves the right to make reasonable alterations in the fee at the beginning of any semester in order to cover possible unforeseen losses in operating expenses.

Each resident student supplies his own towels, two pairs of sheets for a single bed, mattress protector, a pair of pillow cases (19 x 34), a pair of blankets and a bedspread.

First year students, except those whose presence is required for service, are requested to vacate their rooms immediately following the second semester examinations to provide accommodations for alumni attending commencement.

Extra charges to cover the cost of materials in laboratory courses payable on or before November 16th, are as follows:

Biology 3-4 .....	\$15	Chemistry 5-6 .....	\$10
Biology 7-8, 9-10 .....	20	Chemistry 7-8 .....	20
Biology 15-16 .....	20	Chemistry 11-12 .....	10
Biology 6, 17-18 .....	10	Physics 1-2 .....	15
Chemistry 1-2 .....	15	Physics 3, 4 .....	15
Chemistry 3-4 .....	15	Physics 5, 6 .....	15

A fee of \$25 per semester is charged on the mid-semester bill to students engaged in practice teaching. For each additional semester of practice teaching the fee is \$12.50.

To students taking entrance examinations a fee of \$10 is charged, payable in advance.

A charge of \$10 is made in the last bill of the senior year to cover graduation expenses.

A deposit of \$10 is required of each student to defray any expenses incurred by injury to property. The unexpended balance is returned to the student when he leaves the institution.

A student who is absent from college on account of sickness or for any other reason, and retains his place in class, pays the Comprehensive Fee in full during his absence except when the absence is continuous over a period exceeding two weeks, in which case a rebate is allowed resident students of \$5 for each

full week, on account of table board. No remittance is allowed on account of dismissal or withdrawal of a student from the institution during a semester.

Inasmuch as the College provides a health service including a regularly appointed physician and a resident nurse, which service is open alike to all students of the institution, the College will not undertake to pay bills contracted by students with physicians not in the service of the institution. The College maintains the right to enforce quarantine and to engage the services of a special attendant if necessary, but will not be responsible for the compensation of extra physicians, nurses or attendants, which compensation must be provided by the student or his parent or guardian.

#### FEES FOR INSTRUCTION IN MUSIC

Private lessons per term of fifteen weeks: organ, once a week, \$30; piano, once a week, \$30; band or orchestra, once a week, \$30, in class, \$15; voice, once a week, \$30.

#### PAYMENT OF BILLS

A candidate for admission must pay \$10 on account at the time he files his application in order to secure a place in the institution. An enrolled student must pay \$10 on or before April 24th of each year in order to secure a place for the ensuing year. In every case this payment is forfeited if the student fails to complete his registration.

The yearly charge to the student is payable in four installments and *must be paid on or before the dates designated as follows:*

	Resident Students	Day Students
At the opening of college . . . . .	\$168.75	\$87.50
On or before November 16 . . . . .	168.75	87.50
On or before January 18 . . . . .	168.75	87.50
On or before March 20 . . . . .	168.75	87.50

The bills may vary from the stated amounts in certain instances on account of location of rooms and laboratory charges. Bills are issued approximately thirty days in advance. Students whose accounts are still open will not receive credit for attendance upon classes after the dates of settlement announced above.

Credits on account of scholarships or service under the Bureau of Self-Help are allowed on the November and March bills.

No student will be permitted to register at the beginning of any academic year who is indebted to the institution or to any of its departments or agencies, and all items due the College from a candidate for graduation must be paid before the candidate may be presented for a degree.

*Checks should be made payable to Ursinus College.*

## SCHOLARSHIPS

### MUSIC SCHOLARSHIP

A scholarship of Two Hundred and Fifty Dollars is provided to assist a student who desires to specialize in music. The scholarship may be divided between two students if in the judgment of the President and the instructors in the Department of Music, this seems advisable.

### PERMANENT SCHOLARSHIPS

The College possesses fifty-two permanent scholarships. The income of each scholarship is assigned annually to a student designated by the founder of the scholarship or by the College. The list of these scholarships is as follows:

THE GEORGE WOLFF SCHOLARSHIP, founded by the Rev. George Wolff, D.D., of Myerstown, Pa.,	\$1,000
THE WILLIAM A. HELFFRICH SCHOLARSHIP, founded by the Rev. W. A. Helffrich, D.D., of Fogelsville, Pa.,	1,000
THE NATHAN SPANGLER SCHOLARSHIP, founded by Mr. Nathan Spangler of York, Pa.,	1,000



THE ANNA M. BOMBERGER SCHOLARSHIP, founded by Miss Anna M. Bomberger, with gifts amounting to \$600, and completed by Mrs. H. S. Bomberger, both of Lancaster, Pa., \$1,000

THE ABRAHAM WAGNER SCHOLARSHIP, founded under the will of Mr. Abraham Wagner of the Robinson Church, Berks County, Pa., 1,000

THE CARSON SCHOLARSHIP, founded under the will of Captain John Carson of Newberg, Cumberland County, Pa., 1,000

THE KELKER SCHOLARSHIP, founded by Mr. Rudolph F. Kelker of Harrisburg, Pa., 1,000

THE KEELEY SCHOLARSHIP, founded by Mr. Joseph Keeley of Spring City, Pa., 1,000

THE JOHN B. FETTERS MEMORIAL SCHOLARSHIP, founded by Mrs. Rebecca B. Feters of Uwchland, Chester County, Pa., in memory of her deceased son, who died after a week's attendance at College in September, 1885, 1,000

THE JOHN BROWNBACk MEMORIAL SCHOLARSHIP, founded by Mrs. Melinda M. Acker and Miss Mary M. Brownback of Uwchland, Chester County, Pa., in memory of their deceased father, 1,000

THE FRANKLIN W. KREMER MEMORIAL SCHOLARSHIP, founded by the Rev. F. W. Kremer, D.D., with gifts amounting to \$500, and completed by the Sunday-school of the First Reformed Church, of Lebanon, Pa., in grateful memory of his thirty-eight years' pastorate, by an endowment of \$500, 1,000

THE HENRY FRANCIS SCHOLARSHIP, founded by Mr. Henry Francis of Spring City, Pa., 1,000

THE CLEMENTINA R. STEWART SCHOLARSHIP, founded under the will of Miss Clementina R. Stewart of Myerstown, Pa., 1,000

THE J. WILLIAM BIRELEY SCHOLARSHIP, founded by Mr. J. William Bireley of Frederick City, Md., 1,000

THE JOHN B. AND HORACE A. FETTERS SCHOLARSHIP, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa., 1,000

THE MARY M. BROWNBACk SCHOLARSHIP, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa., 1,000

THE FRANCES KREADY SCHOLARSHIP, founded by Miss Frances Kready of Lancaster, Pa., 2,000

THE JOHN H. CONVERSE SCHOLARSHIP, founded by Mr. John H. Converse of Philadelphia, \$1,000

THE FREELAND G. HOBSON SCHOLARSHIP, founded under the will of Freeland G. Hobson, LL.D., '76, of Collegeville, 1,000

THE STAUFFER MEMORIAL SCHOLARSHIP, founded in memory of Rebert Ursinus and John Donald Stauffer, deceased children of the pastor, Rev. J. J. Stauffer, by gifts amounting to \$500 from the pastor and members of the Lykens Valley charge, and completed by a bequest of \$500 under the will of Mrs. Elizabeth Ritzman of Gratz, Pa., 1,000

THE SPRANKLE SCHOLARSHIP, founded under the will of Samuel Sprankle, deceased, of Altoona, Pa., 2,000

THE FRANCIS MAGEE SCHOLARSHIP, founded by the late Francis Magee of Philadelphia, 1,000

THE HEIDELBERG SCHOLARSHIP, founded by a member of Heidelberg Reformed Church, York, Pa., 1,000

THE SAINT MARK'S SCHOLARSHIP, founded in 1918 by the members of Saint Mark's Reformed Church, Lebanon, Pa., in honor of their pastor, the Rev. I. Calvin Fisher, D.D., '89, and his wife, Eva S. Fisher, and in celebration of their twenty-fifth anniversary in the pastorate of Saint Mark's Church, 1,000

THE BAHNER SCHOLARSHIP, founded in 1919 by the members of Trinity Reformed Church, Waynesboro, Pa., in honor of the Rev. Franklin F. Bahner, D.D., '73, and his wife, Mary Ella Bahner, on their completion of forty-two years of devoted service in the pastorate of the Waynesboro charge, 1,000

THE MARTIN B. NEFF SCHOLARSHIP, founded in memory of the late Martin B. Neff, of Alexandria, Pa., and in recognition of his life-long interest in Ursinus College, out of the funds of his estate, at the instance of his sister, Miss Annie Neff, 1,800

THE PENNSYLVANIA FEMALE COLLEGE MEMORIAL SCHOLARSHIP, founded by the Glenwood Association, a body of former students of the Pennsylvania Female College, in recognition of the earlier work done at Collegeville for the higher education of women, 3,000

THE WILLIAM URSINUS HELFFRICH SCHOLARSHIP, founded by Christ Reformed Church, Bath, Pa., on the twenty-fifth anniversary of the ministry of their pastor, 1,250

THE JOSEPH H. HENDRICKS MEMORIAL SCHOLARSHIP, founded in memory of the Rev. Joseph H. Hendricks, D.D., for forty-three years (1862-1905) pastor of Trinity Church, Collegeville, and for eighteen years (1887-1906) a Director of Ursinus College, by his friend, Jacob P. Buckwalter, of Macon, Georgia, \$2,500

THE SILAS H. RUSH SCHOLARSHIP, founded in memory of her parents, Mr. and Mrs. Silas H. Rush, by Mrs. E. R. Hoffman, of Philadelphia, 1,000

THE J. B. SHONTZ MEMORIAL SCHOLARSHIP, founded by the Congregation and Sunday-school of Saint John's Reformed Church, Chambersburg, Pa., in memory of their former pastor, the late Rev. J. B. Shontz, 1,000

THE HILLTOWN SCHOLARSHIP, founded by the Hilltown charge of the Reformed Church in the United States, Bucks County, Pa., 1,000

THE TRINITY BIBLE SCHOOL SCHOLARSHIP, founded by the Bible School of Trinity Reformed Church, Philadelphia, 1,600

THE ASPDEN MEMORIAL SCHOLARSHIP, founded by Newton J. Aspden, of Trinity Reformed Church, Philadelphia, in memory of his wife, Levinah Erb Aspden, 5,000

THE TRUMBOWER MEMORIAL SCHOLARSHIP, founded by H. C. Trumbower, of Trinity Reformed Church, Philadelphia, in memory of his parents, Dr. Lewis T. and Annie B. Troxel Trumbower, 5,000

THE PAISLEY SCHOLARSHIP, founded in honor of Mrs. Carrie Strassburger Paisley, of Trinity Reformed Church, Philadelphia, 2,000

THE SCHWENKSVILLE COMMUNITY SCHOLARSHIP, founded by the citizens of Schwenksville, Pa., 1,902

THE BETHANY TABERNACLE SCHOLARSHIP, founded by the congregation of Bethany Tabernacle Reformed Church, Philadelphia, the Rev. H. H. Hartman, '94, pastor, 2,000

THE SAINT PAUL'S, LANCASTER, SCHOLARSHIP, founded by the congregation of Saint Paul's Reformed Church, Lancaster, Pa., the Rev. T. A. Alspach, D.D., '07, pastor, 2,000

THE JAMES W. MEMINGER SCHOLARSHIP, founded by the congregation of Saint Paul's Reformed Church, Lancaster, Pa., in honor of the Rev. James W. Meminger, D.D., '84, former pastor, 1,000



## Scholarships

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THE ST. JOHN'S, ORWIGSBURG, SCHOLARSHIP, founded by the congregation of Saint John's Reformed Church, Orwigsburg, Pa., the Rev. D. R. Krebs, '02, pastor, \$1,000

THE MEYRAN SCHOLARSHIP, founded by Louis A. Meyran and his wife, Marie H. Meyran, of Grace Reformed Church, Pittsburgh, Pa., 2,000

THE LEROY BOYER LAUBACH SCHOLARSHIP, founded in memory of LeRoy Boyer Laubach by his mother, Mrs. M. B. Laubach of Philadelphia, Pa., 2,000

THE OMWAKE MEMORIAL SCHOLARSHIP, founded by W. T. Omwake, Esq., of Waynesboro, Pennsylvania, as a memorial to his parents, Henry and Eveline Beaver Omwake, 2,000

THE APPEL MEMORIAL SCHOLARSHIP, founded under the will of the Rev. Richard S. Appel, D.D., as a memorial to his son, Robert S. Appel, A.B., '01, deceased, 2,000

THE ANNIE NEFF SCHOLARSHIP, founded under the will of Miss Annie Neff of Alexandria, Huntingdon County, Pa., 1,500

THE GRACE CHURCH SCHOLARSHIP, founded by Milton Warner and Wilson H. Lear of Grace Reformed Church, Philadelphia, Pa., 1,000

THE JOHN ALEXANDER SCHOLARSHIP, founded by John Alexander, D.D., '01, of St. Louis, Missouri, in appreciation of benefits enjoyed when a student in the College, 1,000

THE ELIZABETH FREY SCHOLARSHIPS, founded as a memorial to Mrs. Elizabeth Frey of Stewartstown, Pa., with funds donated to the College by her during life, 11,500

THE GEORGE W. AND FRANCES R. HENCH SCHOLARSHIP, founded by the Rev. S. M. Hench, D.D., '77, of Trappe, Pa., as a memorial to his parents, the income to be used in aiding students for the ministry, 1,500

THE MATTIE B. HENCH SCHOLARSHIP, founded as a memorial to Mrs. Mattie B. Hench of Trappe, Pa., with funds donated to the College by her during life, 1,200

THE SIEBERT SCHOLARSHIP, established in memory of P. W. Siebert of Pittsburgh, Pa., from a fund designated by him for the College out of his estate, 1,004

THE GEORGE S. SORBER SCHOLARSHIP, founded by the Rev. George S. Sorber, D.D., '76, of York, Pennsylvania, 2,000

## TEMPORARY SCHOLARSHIPS

Temporary scholarships in the amount of \$4,000 have been provided by the Board of Directors out of current income to be used in aiding students in financial need during the period of the depression. These scholarships will be available in 1934-35. They will be awarded only to students of superior academic attainments and only in cases of unquestioned need.

## LOAN FUND

A loan fund has been established through gifts of individuals and an appropriation by the Board of Directors, out of which loans are made to upper class students under a contract providing definitely for their repayment. Application must be made to the President of the College who is custodian of the Fund.

## BUREAU OF SELF-HELP

This bureau, conducted under the management of officers of the College, provides opportunities in which students may meet part of their expenses by serving in working positions in the institution. These positions are standardized so as to represent an amount of work not likely to overtax the physical resources of the student nor to interfere with his studies. Positions under the bureau of Self-Help, however, always must be regarded as taking precedence over any extra-curriculum student activities. A standard position, as a waitership in the dining room, yields compensation amounting to One Hundred and Seventy-five Dollars for the year. About eighty positions, representing varying amounts and types of work, are open to students.

## MEDICAL SERVICE

The regular fee paid by students entitles them to medical treatment without charge. The College Physician, whose aim

is to maintain health as well as to treat disease, may be consulted in his office on the campus during office hours, and he will regularly visit patients lodged in the infirmaries or confined to their rooms. The Resident Nurse is in charge of the infirmaries, cares for the sick under the direction of the Physician, attends to minor ills and injuries, and lends her aid in maintaining physical health and efficiency among the students of the College.

Each student is given a physical examination on entering college, and is advised as to ways and means of maintaining health and fitness for work.



## BUILDINGS AND EQUIPMENT

### BUILDINGS

BOMBERGER MEMORIAL HALL, named for the first President of the College, is a large and imposing structure in the Romanesque style of architecture, built of Pennsylvania blue marble. This building is for the use of the departments of language and literature, the social sciences, history, philosophy, religion, public speaking and music. In it are the chapel, twelve classrooms, six conference rooms, a seminar room, two music studios, two day studies, and the offices of the Dean, the Registrar, the Treasurer, and the Director of Student Teaching and Placement. The CLARK MEMORIAL ORGAN, the gift of Mrs. Charles Heber Clark of Conshohocken, Pa., occupies a position in the front of the chapel in Bomberger Hall. The organ is a memorial to the late Charles Heber Clark, LL.D.

THE SCIENCE BUILDING, erected in 1931-32, is a fire-proof structure, 186 feet in length and 96 feet in depth. The first floor and basement are devoted to Psychology, Education, Mathematics and Physics, the second floor to Biology, and the third floor to Chemistry. A large room at the base of the cupola and a roof-deck 45 feet square adjoining it for observation, are for the use of the Astronomy department. The building contains the office of the President, thirteen teaching laboratories, two laboratories for research, nine professors' laboratories, three temperature rooms, a dark room, a balance room, two storage rooms, vivarium and aquarium, six supply and preparation rooms, a machinery room, workshop, electrical control room, elevator, incinerator, seven classrooms, a lecture hall with gallery and projection booth, a library and reading room, two rooms for stenographers, and nine locker rooms, cloak rooms, lounges and toilets. There are two steel stairways so located as to require a minimum of travel in going to any part of the building. The services available in the laboratories are hot water, cold water, drainage, high pressure steam, high

pressure return, gas, compressed air, distilled water, hydrogen sulphide, 110 volt alternating current, 110 volt direct current, and low voltage direct current. Steam is conducted to the building through a tunnel leading from the central heating plant. The temperature of each room is automatically controlled by the latest system of temperature regulation. The ventilating system provides for the introduction of heated fresh air and the withdrawal of vitiated air by means of motor driven fans. The most durable acid resisting materials are used in the construction of hoods and ducts for disposing of fumes. All laboratories, storage and preparation rooms are equipped with all-steel tables, desks, cases and shelves built to meet particular requirements. The table-tops and sinks are of Alberene stone.

The ALUMNI MEMORIAL LIBRARY is a building of Chestnut Hill stone in Colonial style and planned in accordance with the latest ideas of library administration. The space on the main floor is unbroken, constituting one large hall surrounded with book shelves, and equipped for reading and study. In the wings adjoining are seminar rooms, workrooms, the office of the librarian, a faculty room, and a museum. In the space between the wings in the rear is a fireproof stack room planned for three tiers of stacks, having a capacity of 60,000 volumes. This building erected by the Alumni and non-graduate former students is a tribute to their fellows who served their country in the Great War and a memorial to those who gave their lives in the service. On the walls of a beautiful marble vestibule are appropriate inscriptions.

THE THOMPSON-GAY GYMNASIUM, built in 1927, occupies a convenient position adjoining Patterson Field. It is built of native brownstone, structural steel and concrete. It contains a playing-floor, two locker rooms, two shower rooms, a gallery for spectators, coaches' offices and storage rooms. At one end of the main floor is a completely equipped theatrical stage. Portable seating constitutes part of the equipment of the build-

ing. The seating capacity when used as a theater is one thousand. This building is a memorial to Robert W. Thompson, '12, and George H. Gay, '13, noted Ursinus athletes, both of whom died in their senior year in College.

FREELAND HALL, the original building of Freeland Seminary, DERR HALL and STINE HALL constitute a group of buildings for domestic purposes. The buildings are of stone having a light sand finish four stories in height with a fifth story of dormer rooms. On the two lower floors are the dining rooms, four in number, the kitchen, storage and refrigeration rooms, and the office of the dietitian. The upper floors are fitted up for the residence of men students. The rooms are of varying size, designed for one or two occupants, a number being arranged *en suite*.

THE BRODBECK and CURTIS DORMITORIES FOR MEN are new buildings of exactly the same size and design. They are in English Colonial style and are built of Chestnut Hill stone. Each building has four floors, the downstairs floor being devoted partly to storage. The rooms are spacious, well-lighted and easy of access by means of fireproof stairways. These buildings embody the latest and best ideas with reference to student residence. They bear the names of esteemed contemporary benefactors of the College—Andrew R. Brodbeck and Cyrus H. K. Curtis.

SHREINER HALL, fronting on Main Street and facing the college campus, is a residence hall for young women. This is a three-story brick building arranged for the accommodation of twenty-nine students. On the first floor are a reception room and the office of the Dean of Women.

TRINITY COTTAGE, familiarly known as South Hall, is a residence for young women located in Sixth Avenue, having eighteen rooms. This building, with the grounds on which it is located, represents a joint benefaction to the college by the



late Henry M. Housekeeper, who was an elder in Trinity Reformed Church, Philadelphia, and the late Abram G. Grater, who was an elder in Trinity Reformed Church, Norristown, Pa.

THE MAPLES, a three story building located on Main Street, opposite the east campus, a residence hall for women, has a capacity for thirty students.

GLENWOOD, a building located near the historic site of the one-time Pennsylvania Female College, is leased by the College and used as additional residence quarters for young women students.

LYNNEWOOD and FIRCROFT are private residence halls for students located off campus but convenient to the College.

SPRANKLE HALL, on the east campus fronting Fifth Avenue, is a large residence with porches and veranda, providing apartments for women students and officers of the institution.

SUPERHOUSE, a residence on Main Street opposite the college grounds bequeathed to the College by the late Henry W. Super, D.D., LL.D., Vice-President and Professor of Mathematics, 1870-1891, and Acting President, 1892-1893, and constituting a fitting memorial of his long and valued services to the institution, is the home of the President.

HIGHLAND HALL, a colonial house occupying a commanding site embracing ten acres of grounds, located on Main Street about a ten minutes' walk west of the campus, is owned by the College and used for institutional purposes.

THE EGER GATEWAY, a beautiful piece of work in Chestnut Hill and Indiana stone masonry and hand-wrought iron, was erected in 1925 by George P. Eger, of Reading, Pennsylvania, father of a member of the graduating class, in appreciation of the work of the College. It constitutes the entrance to the avenue leading to Freeland Hall.

A central heat and water plant furnishes steam heat for the principal buildings, and distributes excellent water from deep wells to all the buildings on the premises.

### THE COLLEGE LIBRARY

The College Library contains about twenty-four thousand volumes, selected mainly for the purpose of study, reference and thoughtful reading. The Alumni Memorial Library Building is open every week-day from 8 a. m. to 6 p. m., and from 7 to 10 p. m.; on Sundays from 2 to 4 p. m. Each student is permitted to take out two volumes at a time. Special arrangements have been made which enable students to obtain books from Philadelphia libraries.

The reading room is supplied with foreign and American periodicals. The shelves contain several thousand volumes for ready reference, encyclopedias, dictionaries, and other books for particular use. The following newspapers and periodicals appear on the files during the course of the year:

NEWSPAPERS.—The United States Daily, The New York Times, The Wall Street Journal, The Public Ledger, The Philadelphia Record, The Allentown Morning Call, The Manchester Guardian, Reformed Church Messenger, Reformed Church Record, Christian World, The Christian Advocate, The Christian Century, The Presbyterian Advance, and the local papers.

PERIODICALS.—The Atlantic Monthly, Scribner's Magazine, Harper's Magazine, The Bookman, The Golden Book, The Times Literary Supplement, The World's Work, The Contemporary Review, The Fortnightly Review, The Nineteenth Century and After, The North American Review, The Outlook, The Nation, Time, The New Republic, The Survey, The Review of Reviews, Current History, The Forum, The Yale Review, The Hibbert Journal, The International Journal of Ethics, The Journal of Religion, The Christian Union Quarterly, The Missionary Review, The Outlook of Missions,

Die Abendschule, Das Deutsche Echo, Le Petit Journal, Asia, The Geographic Magazine, The Scientific American, The Scientific Monthly, Science, Biological Abstracts, Scientia, Journal of the American Medical Association, Forest Leaves, The American Naturalist, The Farm Journal, Political Science Quarterly, Philosophical Review, Mind, Philosophy, The American Journal of Psychology, The Psychological Review, The Psychological Bulletin, Journal of Abnormal and Social Psychology, The Journal of Philosophy, The London, Edinburgh and Dublin Philosophical Magazine and Journal of Science, The Classical Review, The American Scholar, School and Society, Journal of Higher Education, The School Review, School Life, Pennsylvania School Journal, The Journal of the National Education Association, Popular Astronomy, Mathematics Teacher, The American Mathematical Monthly, Industrial and Engineering Chemistry, Chemical Review, Physical Review, The Modern Language Journal, General Physiology, Mental Hygiene, Social Hygiene, Hygeia, American Journal of Public Health, Inter-America, Annals of the American Academy, The American Journal of International Law, Commerce Monthly, Federal Reserve Bulletin, Quarterly Journal of Economics, The Journal of Business, Journal of Retailing, Bureau of Standards Journal of Research, Foreign Affairs, Foreign Policy Association Information Service, The American Journal of Sociology, Journal of Applied Sociology, Public Management, The American City, and a number of other periodicals.



## LISTS OF STUDENTS

Abbreviations are used to designate residence halls as follows: F. H., Free-land Hall; D. H., Derr Hall; S. H., Stine Hall; Sh. H., Shreiner Hall; T. C., Trinity Cottage; Mp., The Maples; G., Glenwood; Sp. H., Sprinkle Hall; B. D., Brodbeck Dormitory; C. D., Curtis Dormitory.

### THE CLASSICS GROUP

HARRY FISTER FENSTERMACHER.....	<i>Hamburg</i>	.....	F. H.
Hamburg High School			
EDWIN HERBERT FREY.....	<i>Philadelphia</i>	.....	C. D.
Temple University			
CHARLES G. LINK.....	<i>Perkiomenville</i>	.....	Perkiomenville
Schwenksville High School			
PAUL RICKERT SHELLY.....	<i>Pennsburg</i>	.....	F. H.
Pennsburg High School			
NORMAN WILLIAM SHOLLENBERGER.....	<i>Hamburg</i>	.....	F. H.
Hamburg High School			

### THE MATHEMATICS GROUP

FRANKLIN LEWIS ALBRIGHT.....	<i>Allentown, R. D.</i>	.....	F. H.
South Whitehall High School			
ROBERT JAMES BARNES.....	<i>Penn Wynne</i>	.....	B. D.
Audubon High School			
HAROLD ABRAM BEYER.....	<i>Norristown, R. D.</i>	.....	Norristown
Norristown High School			
CLARENCE SNELL BOSTON.....	<i>West Pittston</i>	.....	S. H.
West Pittston High School			
DOROTHY E. BRUNE.....	<i>Brooklyn, N. Y.</i>	.....	Sp. H.
Oberlin Kindergarten-Primary Training School			
WILLIAM SMITH CRAMER.....	<i>York</i>	.....	C. D.
William Penn Senior High School			
CHARLES EVERETT DANEHOWER.....	<i>Norristown</i>	.....	B. D.
Pennsylvania State College			
RICHARD DUNN.....	<i>Oaks</i>	.....	Oaks
Phoenixville High School			
ELSIE MAY EACHES.....	<i>Phoenixville</i>	.....	Sh. H.
Phoenixville High School			
BRYON DALE EDGERTON.....	<i>Narberth</i>	.....	B. D.
Friends' Central School			
GLENN KLINE EPPRECHT.....	<i>Mont Clare</i>	.....	Mont Clare
Phoenixville High School			
DORA GERTRUDE EVANS.....	<i>West Chester</i>	.....	G.
West Chester High School			
JANE LEE EVANS.....	<i>West Chester</i>	.....	G.
West Chester High School			

# Lists of Students-

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MILDRED ALICE FILE.....	<i>Philadelphia</i>	.....Mp.
Philadelphia High School for Girls		
GEORGE WASHINGTON FISS, 3rd....	<i>Merchantville, N. J.</i>	.....B. D.
Merchantville High School		
CLYDE ALLAN FREECE.....	<i>Oaks</i>	.....B. D.
Phoenixville High School		
MAUDE BEST FUNK.....	<i>New Hope</i>	.....Fircroft
New Hope High School		
LYDIA ESTHER GANSER.....	<i>Norristown</i>	.....Sh. H.
Norristown High School		
CHARLES WILLIAM GEORGE.....	<i>Shenandoah</i>	.....S. H.
Womelsdorf High School		
CHARLES HOWARD GILL.....	<i>Norristown</i>	.....D. H.
Norristown High School		
LOUISE DIEHL GRUVER.....	<i>Coplay</i>	.....Sh. H.
Coplay High School		
CHARLES EDWARD HARVEY.....	<i>Germantown</i>	.....C. D.
Germantown High School		
DOROTHY ELMIRA HORNE.....	<i>York, R. D.</i>	.....T. C.
William Penn Senior High School		
VIVIAN ELIZABETH JENSEN.....	<i>Glenside</i>	.....Sh. H.
Abington High School		
NORRIS AUSTIN JOHNSON, JR.....	<i>Trappe</i>	.....Trappe
Collegeville High School		
ROY JOHNSON, JR.....	<i>Elmer, R. D., N. J.</i>	.....D. H.
Bridgeton High School		
SARAH LILLIAN KERN.....	<i>Phoenixville</i>	.....Phoenixville
Phoenixville High School		
ALEXANDER KRAVITZ.....	<i>Philadelphia</i>	.....S. H.
South Philadelphia High School for Boys		
ALEXANDER MILLER LEIDY.....	<i>Manheim</i>	.....C. D.
Manheim High School		
SAMUEL CHARLES LEVIN.....	<i>Philadelphia</i>	.....S. H.
Northeast High School		
ALMA ELMIRA LUDWIG.....	<i>Minersville</i>	.....Sh. H.
Minersville High School		
WARD FRANKLIN MACNAIR.....	<i>Chalfont</i>	.....D. H.
Doylestown High School		
ROBERT FRANCIS McLAUGHLIN.....	<i>Newtown Square</i>	.....F. H.
Marple-Newtown High School		
RACHEL ELIZABETH MACKLEY.....	<i>Manheim</i>	.....Sh. H.
Manheim High School		
SARAH WILHELMINA MEINHARDT.....	<i>Reading</i>	.....Sh. H.
Reading Senior High School		
FRANK STAUFFER MOWERE.....	<i>Phoenixville, R. D.</i>	.....Phoenixville
Phoenixville High School		

DONALD GORDON OHL.....	Milton .....	B. D.
Milton High School		
MILDRED LOUISE OLP.....	York .....	G.
William Penn Senior High School		
KATHRYN MIRIAM PRIZER.....	Pottstown, R. D. ....	Firecroft
Spring City High School		
JOHN FREDERICK PROUT.....	Pottstown .....	Pottstown
Pottstown High School		
JANICE RAUP.....	Norristown .....	Norristown
Norristown High School		
RUTH ELIZABETH RENNEBERG.....	Chester .....	G.
Chester High School		
WOODROW WILSON ROBBINS.....	Woodstown, N. J. ....	F. H.
Woodstown High School		
CLAUDE VERNON ROEDER.....	East Greenville ..	East Greenville
East Greenville High School		
CARL FRANKLIN SENCENBACH.....	Bath .....	C. D.
Liberty High School		
PHYLLIS MAE WATSON.....	Nesquehoning .....	Sh. H.
Mauch Chunk Township High School		
ADA BOHNENBERGER YOUNG.....	Hendricks .....	Hendricks
J. H. Landis Joint Consolidated High School		

## CHEMISTRY-BIOLOGY GROUP

CHESTER HARRISON ALBRIGHT, JR....	Lansdale .....	S. H.
Lansdale High School		
WILBUR DRESHER ANDERS.....	Lansdale, R. D. ....	Lansdale
Perkiomen Preparatory School		
DOROTHY GRACE ANDERSON.....	Trenton, N. J. ....	Sp. H.
Trenton Central High School		
GEORGE ARMER ARMSTRONG, JR....	Bloomfield, N. J. ....	B. D.
Newton Academy		
KENNETH WELLS BENJAMIN.....	Philadelphia .....	B. D.
Simon Gratz High School		
ROBERT EUGENE BENNETT.....	Kingston .....	S. H.
Kingston High School		
ANNE MARIAN BERNAUER.....	Williamstown, N. J. ....	G.
Glassboro High School		
HENRY GEORGE BILLE, JR. ....	Philadelphia .....	F. H.
Northeast High School		
ROBERT STANLEY BLACK.....	Hershey .....	B. D.
Hershey High School		
FLORENCE ELISE BOWE.....	Pottstown, R. D. ....	Pottstown
Pottstown High School		
WILLIAM CHARLES BOWN.....	Graterford .....	Graterford
Norristown High School		



# Lists of Students

101

WALTER THOMAS BOYER.....	<i>Douglassville</i>	F. H.
Amity High School		
THEO. HENRY BOYSEN, JR.....	<i>Egg Harbor City, N. J.</i>	F. H.
Atlantic City High School		
ROBERT LEWIS BRANDAUR.....	<i>Mahanoy City</i>	F. H.
Mahanoy City High School		
DAVID THOMAS BURHANS.....	<i>Highlands, N. J.</i>	D. H.
Leonardo High School		
DALE CARLBERG.....	<i>Berwick</i>	S. H.
Berwick High School		
JOHN RAYMOND CHRISTY, JR.....	<i>Philadelphia</i>	Philadelphia
Roxborough High School		
ALLAN CLAGHORN.....	<i>Narberth</i>	S. H.
Lower Merion High School		
JOHN RANDOLPH CLARK.....	<i>Cape May Ct. House, N. J.</i>	B. D.
Middle Township High School		
ALEXANDER ROBERTSON CLAWSON...	<i>Collegeville</i>	Collegeville
Collegeville High School		
FLORA VIRGINIA COOKE.....	<i>Norristown, R. D.</i>	Norristown
Cheltenham High School		
DORIS CELESTIA COSSEY.....	<i>Tottenville, S. I., N. Y.</i>	G.
Tottenville High School		
EARL WAYNE COVERT.....	<i>Camden, N. J.</i>	D. H.
Camden High School		
CHARLES LAMB CUBBERLEY, JR.....	<i>Hamilton Square, N. J.</i>	D. H.
Hamilton High School		
ELIZABETH ANN DAVIS.....	<i>Summit Hill</i>	G.
Summit Hill High School		
PRUDENCE EDITH DEDRICK.....	<i>Drexel Hill</i>	Mp.
Upper Darby High School		
ROBERT REYNOLDS DEEN.....	<i>Port Royal</i>	D. H.
Port Royal High School		
CHARLES HINKLE EDWARDS.....	<i>Hummelstown</i>	D. H.
Hummelstown High School		
FLORENCE EDNA EISENBERG.....	<i>Conshohocken</i>	Firecroft
Conshohocken High School		
EDWARD SAMUEL ELLIS.....	<i>Bangor</i>	S. H.
Bangor High School		
WILLIAM JESSE EPPRECHT, JR.....	<i>Mont Clare</i>	Mont Clare
Phoenixville High School		
WILLIAM HERBERT EVANS.....	<i>Shenandoah</i>	Collegeville
Cornell University		
MICHAEL JOSEPH FARRELL.....	<i>Collegeville, R. D.</i>	Collegeville
Collegeville High School		
LUTHER REINHARD FEHNEL.....	<i>Bath, R. D.</i>	S. H.
Northampton High School		

GEORGE EDWARD FISSEL.....	<i>York</i>	B. D.
William Penn Senior High School		
BERTHA IRENE FRANCIS.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
GEORGE WILLIAM FRANKLIN.....	<i>McKeesport</i>	B. D.
McKeesport High School		
ROBERT RITCHIE FRANTZ.....	<i>Philadelphia</i>	D. H.
South Philadelphia High School		
OSCAR CASSELL FREAS, JR.....	<i>Conshohocken</i>	B. D.
Conshohocken High School		
FLORENCE MARY FROSCH.....	<i>Philadelphia</i>	G.
John W. Hallahan Catholic Girls High School		
EDWARD WILLIAM GEARY.....	<i>Hamburg</i>	C. D.
Hamburg High School		
BERNARD GELLER.....	<i>Wyncote</i>	Wyncote
Cheltenham High School		
GERALD DETWILER GODSHALL.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
HAROLD ALBERT GOLDBERG.....	<i>Phoenixville</i>	Phoenixville
Phoenixville High School		
LOUIS GOLDBERG.....	<i>Phoenixville</i>	Phoenixville
Phoenixville High School		
HERBERT GRIFFITHS.....	<i>Trenton, N. J.</i>	F. H.
Hamilton High School		
HARRY KING HEIGES.....	<i>York</i>	F. H.
Wenonah Military Academy		
DAVID ROBERT HESS.....	<i>Winchester, Va.</i>	F. H.
Handley High School		
JAMES LACHLAN HILLIER.....	<i>Trappe</i>	Trappe
Collegeville High School		
N. FULMER HOFFMAN, JR. ....	<i>Philadelphia</i>	B. D.
College of William and Mary		
HAROLD NELSON HOLCOMBE.....	<i>York</i>	F. H.
William Penn Senior High School		
CHARLES WILLIAM HOPPES.....	<i>Frackville</i>	C. D.
Lehigh University		
HAROLD EMERSON HOUCK.....	<i>Reading</i>	B. D.
Reading High School		
RUTH FRICK HUMMEL.....	<i>Manoa</i>	G.
Haverford Township High School		
HOWARD JOHN JOHNSON, JR.....	<i>Norristown</i>	Norristown
Bucknell University		
HAROLD EVERETTE JONES.....	<i>Woodbury, N. J.</i>	C. D.
Bordentown Military Institute		
RUSSELL CLAIR JONES, JR.....	<i>Spring City</i>	Spring City
Spring City High School		

# Lists of Students

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ELIZABETH KASSAB.....	<i>Chester</i>	T. C.
Ocean City High School		
ELVIN ROCAP KATES, JR.....	<i>Salem, N. J.</i>	C. D.
Salem High School		
LEE PENNELL KINKADE.....	<i>Aldan</i>	C. D.
Upper Darby High School		
HENRY LUKE KOCHENBERGER.....	<i>Tamaqua</i>	D. H.
Rensselaer Polytechnic Institute		
DONALD HARRY KOCHER.....	<i>Palmerton</i>	D. H.
Palmerton High School		
JACOB KRAUSE.....	<i>Norristown</i>	Norristown
Temple University		
LOUIS ARTHUR KRUG.....	<i>Philadelphia</i>	B. D.
Northeast High School		
CAMILLE ROGER KURTZ.....	<i>Millbourne</i>	B. D.
Overbrook High School		
PETER GEORGE KUTRA.....	<i>Trappe</i>	Trappe
Collegeville High School		
HELEN ROADS LAUBENSTEIN.....	<i>Ashland</i>	Mp.
Ashland High School		
WILLIAM M. LEEBRON.....	<i>Philadelphia</i>	C. D.
Temple University		
WILLIAM WALTER LEMAN.....	<i>Philadelphia</i>	B. D.
West Philadelphia High School		
PAUL WISLER LEVENGOOD.....	<i>Pottstown</i>	B. D.
Pottstown High School		
GEORGE MALSBERGER LONGAKER....	<i>Pottstown</i>	C. D.
Pottstown High School		
JACK LEIGHTON MALONEY.....	<i>Pottstown</i>	Pottstown
Pottstown High School		
GEORGE ROBERT MATTHEWS.....	<i>Anselma</i>	C. D.
West Chester High School		
FRANK LEROY MILLER.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
REGINALD CHRISTIAN MILLER.....	<i>Trenton, N. J.</i>	B. D.
Hamilton High School		
RICHARD ELI MILLER.....	<i>Tamaqua</i>	C. D.
Tamaqua High School		
ROBERT ALEXANDER MURRAY.....	<i>Parker Ford</i>	C. D.
Spring City High School		
MARGARET PAXSON.....	<i>Philadelphia</i>	Collegeville
Simon Gratz High School		
BEATRICE PEARLSTINE.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
THOMAS RALPH PILKINGTON.....	<i>Chester</i>	B. D.
Valley Forge Military Academy		



GERALD EDGAR POLEY.....	<i>Limerick</i>	Limerick
Wenonah Military Academy		
EDGAR LEE PORTER.....	<i>Wayne</i>	D. H.
Radnor High School		
WALTER SAMUEL PRICE.....	<i>Palmyra, N. J.</i>	B. D.
Palmyra High School		
JAMES EVAN REESE.....	<i>New Boston</i>	B. D.
Mahanoy Township High School		
CHARLES FREDERICK ROSSELL, JR....	<i>Lansdale</i>	C. D.
Lansdale High School		
JAMES MARIANO RUSSO.....	<i>Toms River, N. J.</i>	B. D.
Toms River High School		
IRA RHOADES SAYLOR.....	<i>Pottstown</i>	C. D.
Pottstown High School		
EDWARD RICHARD SCHAEFFER.....	<i>Oaks</i>	Oaks
University of Pennsylvania		
WILLIAM SCLAFAN.....	<i>Norristown</i>	C. D.
Norristown High School		
RUTH HELEN SEITZ.....	<i>Reading</i>	Sh. H.
Mount Penn High School		
JACOB GAMBLE SHADE.....	<i>Royersford</i>	D. H.
Royersford High School		
EUGENE ALLAIRE SHAFTO.....	<i>Farmingdale, N. J.</i>	B. D.
Freehold High School		
WILLIAM JOHN SHIBE.....	<i>Andalusia</i>	S. H.
Drexel Institute		
DOROTHY LOUISE SHINDEL.....	<i>York, R. D.</i>	Lynnewood
North York High School		
ELMO BAUER SOMMERS.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
GORDON WASHINGTON SPANGLER....	<i>York</i>	F. H.
William Penn Senior High School		
HARRIET LUCILLE STAPP.....	<i>Pottstown</i>	Mp.
Pottstown High School		
SARAH JANE STEPHEN.....	<i>Reading</i>	Mp.
Reading High School		
ALBERT ROSS STEWART.....	<i>Lansdale, R. D.</i>	S. H.
Lansdale High School		
ANNE SUTTON.....	<i>Roebbling, R. D., N. J.</i>	Sp. H.
Bordentown High School		
MARTIN TOLOMEO.....	<i>Bound Brook, N. J.</i>	B. D.
Bound Brook High School		
SARA CAROLYN WARNER.....	<i>Salem, N. J.</i>	Fircroft
Salem High School		
PETER JOHN WASHKO.....	<i>Edwardsville</i>	F. H.
Edwardsville High School		

# Lists of Students

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PAUL ELLSWORTH WILLIAMS.....	<i>Chester Springs</i>	F. H.
West Chester High School		
WILBUR HOWARD WIRE.....	<i>York</i>	B. D.
Dover High School		
ELMER EVANS YEAGER.....	<i>Spring City</i>	Spring City
Spring City High School		
ROBERT BRUCE ZERBE.....	<i>Tremont</i>	F. H.
Tremont High School		

## HISTORY-SOCIAL SCIENCE GROUP

DOROTHY LOUISE ADAMS.....	<i>Burlington, N. J.</i>	Sh. H.
Burlington High School		
MARY HELEN ALSPACH.....	<i>Lancaster</i>	Sh. H.
Stevens High School		
IOLA EDITH ANDERSON.....	<i>Chester</i>	Mp.
Chester High School		
AGNES MAY BAKER.....	<i>Centre Square</i>	Centre Square
Whitpain High School		
GILBERT JARED BARTHOLOMEW.....	<i>Womelsdorf</i>	F. H.
Catasauqua High School		
HERMAN BASSMAN.....	<i>Philadelphia</i>	D. H.
Central High School		
THOMAS JOHN BEDDOW.....	<i>Frackville</i>	C. D.
Frackville High School		
CHARLES BLASBAND.....	<i>Bridgeport</i>	Bridgeport
Bridgeport High School		
HELEN MARGARET BLASBERG.....	<i>Hawthorne, N. J.</i>	G.
Paterson Central High School		
MARLIN BOOSER BRANDT.....	<i>Hershey</i>	B. D.
Hershey High School		
DONALD GABRIEL BREISCH.....	<i>Slatington</i>	C. D.
Slatington High School		
HARRY FINDLEY BRIAN.....	<i>Lancaster</i>	D. H.
Lancaster High School		
JOHN HENRY BROWN, JR. ....	<i>Philadelphia</i>	F. H.
Frankford High School		
LEONARD HUMPHRYS CADWELL.....	<i>Glen Moore</i>	Glen Moore
Perkiomen Preparatory School		
HELEN GERTRUDE CALDWELL.....	<i>Philadelphia</i>	Mp.
Olney High School		
RAYMOND LYNN CARR.....	<i>Haddon Heights, N. J.</i>	C. D.
Edgewood School, Greenwich, Conn.		
GEORGE BEAR CARVELL.....	<i>Narvon, R. D.</i>	F. H.
Caernarvon High School		
DANIEL CHESTNUT, JR. ....	<i>Philadelphia</i>	C. D.
Brown Preparatory School		

NAOMI MEAD CLARK.....	<i>Easton</i>	G.
Wilson Borough Senior High School		
HERBERT ALLEN COOPER.....	<i>Drexel Hill</i>	C. D.
Duke University		
MARGARET ZOE DILFER.....	<i>Salford</i>	Salford
Collegeville High School		
ROBERT CONRAD DRESCH.....	<i>Mahanoy City</i>	D. H.
Mahanoy Township High School		
MARIO FARIAS.....	<i>Beverly, N. J.</i>	B. D.
Wenonah Military Academy		
MARGARET ELIZABETH FROST.....	<i>Norristown</i>	Norristown
George School		
ALBERT RALPH GABRIEL.....	<i>Wilkes-Barre</i>	C. D.
Coughlin High School		
ALBERT ROBERT GAUMER.....	<i>Philadelphia</i>	C. D.
Perkiomen Preparatory School		
ELMER STOUT GAUMER.....	<i>Philadelphia</i>	C. D.
Germantown High School		
HAROLD BISHOP GENSLE.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
GEORGE GIVANT.....	<i>Lancaster</i>	C. D.
Lancaster High School		
THOMAS PARVIN GLASSMOYER.....	<i>Reading</i>	B. D.
Reading High School		
DWIGHT LEWIS GREGORY.....	<i>Hazleton</i>	D. H.
Hazleton High School		
MILDRED EVA GRING.....	<i>Bernharts</i>	T. C.
Muhlenberg Township High School		
HARRY SPENCER HALBERSTADT.....	<i>Gladwyne</i>	F. H.
Lower Merion High School		
ELBERT KERMIT HARBAUGH.....	<i>McKnightstown</i>	D. H.
Gettysburg High School		
JESSE GIBSON HEIGES.....	<i>Shippensburg</i>	B. D.
Shippensburg High School		
THOMAS GABRIEL HEPNER.....	<i>Herndon</i>	F. H.
Herndon High School		
GEORGE EDWARD HERBERT.....	<i>Boyertown, R. D.</i>	F. H.
Boyertown High School		
EDWIN BOOSER HERSHEY.....	<i>Hershey</i>	C. D.
Mercersburg Academy		
ELLA CUPP HUMPHREYS.....	<i>Philadelphia</i>	T. C.
Kensington High School		
MARGARET ELIZABETH J. JENKINS.....	<i>Minersville</i>	Mp.
Minersville High School		
SARAH HELEN KEYSER.....	<i>Collegeville</i>	Collegeville
Collegeville High School		



# Lists of Students

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SARA ELIZABETH KITCHEN.....	<i>Philadelphia</i>	T. C.
Frankford High School		
ROBERT LAMAR KREBS.....	<i>St. Clair</i>	C. D.
St. Clair High School		
HENRY MARION KWIECINSKI.....	<i>Hammonton, N. J.</i>	B. D.
Hammonton High School		
EMILY MARIE LANDIS.....	<i>Berlin</i>	Sh. H.
Berlin High School		
HARVEY LEROY LANDIS.....	<i>Royersford</i>	Royersford
Royersford High School		
RUBIN LEVIN.....	<i>Philadelphia</i>	D. H.
Simon Gratz High School		
ESTHER ROSA LIGHTNER.....	<i>York, R. D.</i>	Collegeville
William Penn Senior High School		
ABE ELI LIPKIN.....	<i>Frackville</i>	C. D.
Frackville High School		
DANIEL FREDERICK LITTLE, JR.....	<i>Pittstown, N. J.</i>	B. D.
Amherst College		
SYLVIA I. H. LIVERANT.....	<i>York</i>	Lynnewood
William Penn Senior High School		
LILLIAN THERESA LUCIA.....	<i>York</i>	Sh. H.
William Penn Senior High School		
ELEANOR LYLE.....	<i>Philadelphia</i>	Mp.
Gloucester High School		
RACHEL CREIGHTON McAVOY.....	<i>Phoenixville</i>	Phoenixville
Friends Select School		
DOROTHY LOUISE MILLER.....	<i>Mohnton</i>	Mp.
Mohnton High School		
LOUIS WILCOX MITCHELL.....	<i>Wayne</i>	C. D.
Dickinson College		
FREDERICK WILLIAM MUELLER, JR.....	<i>Egg Harbor City, N. J.</i>	B. D.
Egg Harbor City High School		
BETTY MARTHA NEAST.....	<i>Mauch Chunk</i>	Lynnewood
Mauch Chunk High School		
HERADAH ELEANOR NEWSOME.....	<i>Chester</i>	Mp.
Chester High School		
WILLIAM A. O'DONNELL, JR.....	<i>Colmar</i>	D. H.
Lansdale High School		
GARFIELD SIEBER PANCOAST.....	<i>Camden, N. J.</i>	B. D.
Wenonah Military Academy		
LEWIS DAVID PETERS.....	<i>Allentown, R. D.</i>	F. H.
South Whitehall High School		
NANCY CAROLINE PUGH.....	<i>East Petersburg</i>	T. C.
East Hemphfield Township High School		
ALFRED WILSON RAHN.....	<i>Souderton</i>	S. H.
Souderton High School		

ALICE MINERVA RICHARD.....	<i>Red Hill</i> .....	Red Hill
East Greenville High School		
EDWARD BARCLAY RILE.....	<i>Blue Bell</i> .....	Blue Bell
Whitpain High School		
FLORENCE LOUISE ROBERTS.....	<i>Linwood</i> .....	Sh. H.
Ridley Park High School		
CLARENCE RICHARD ROBSON.....	<i>Tower City</i> .....	B. D.
Tower City High School		
JOSEPH RUSSO.....	<i>Norristown</i> .....	Norristown
Norristown High School		
SIDNEY SACKS.....	<i>Cedars</i> .....	Cedars
Norristown High School		
CARL SANTORO.....	<i>Norristown</i> .....	C. D.
Norristown High School		
HENRY A. WOODROW SCHAEFFER...	<i>Tamaqua</i> .....	D. H.
Tamaqua High School		
FREDERICK BRADFORD SCHIELE.....	<i>Norristown</i> .....	D. H.
Norristown High School		
ELMER WILLIAM JOHN SCHMITT...	<i>Philadelphia</i> .....	Eagleville
Central High School		
JOHN SCHNABEL, JR.....	<i>Philadelphia</i> .....	C. D.
Northeast High School		
HAROLD EMIL SEIPLE.....	<i>Kingston</i> .....	S. H.
Wyoming Seminary		
RICHARD EDMUND SHAFFER.....	<i>York</i> .....	F. H.
William Penn Senior High School		
LAWRENCE VICTOR SHEAR.....	<i>Trenton, N. J.</i> .....	B. D.
Swarthmore Preparatory School		
ERNEST EUGENE SHELLEY.....	<i>York</i> .....	F. H.
William Penn Senior High School		
MABEL VIRGINIA SHELLEY.....	<i>Lancaster</i> .....	Sh. H.
Stevens High School for Girls		
TROUPIERE ODETTE SIPE.....	<i>Gloucester, N. J.</i> .....	T. C.
Gloucester High School		
THELMA VIRGINIA SMITH.....	<i>Yoe</i> .....	Sp. H.
Red Lion High School		
WILLIAM HENRY SOLLY, JR.....	<i>Philadelphia</i> .....	C. D.
Simon Gratz High School		
WILLIAM DONALD SPRINGER.....	<i>Tamaqua</i> .....	D. H.
Tamaqua High School		
DOROTHY LOIS STAUFFER.....	<i>New Holland</i> .....	Sh. H.
New Holland High School		
ROBERT CHARLES STEWART.....	<i>Northampton</i> .....	S. H.
Northampton High School		
GEORGE PETER STOUT.....	<i>Myerstown</i> .....	D. H.
Myerstown High School		

# Lists of Students

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MARK REBER STOUTD.....	<i>Leesport</i> .....	C. D.
Ontelaunee Vocational School		
HERBERT EVANS STRATTON.....	<i>Drexel Hill</i> .....	D. H.
Upper Darby High School		
CLYDE FRANKLIN STRAUB.....	<i>Ashland</i> .....	B. D.
Ashland High School		
WILLIAM HENRY TEMPEST.....	<i>Catasauqua</i> .....	Collegeville
Catasauqua High School		
WALTER TROPP.....	<i>Brooklyn, N. Y.</i> .....	S. H.
Toms River High School		
ROBERT NORMAN TURNER.....	<i>Richboro</i> .....	D. H.
Richboro High School		
FRANK RODNEY TWORZYDLO.....	<i>Lenola, N. J.</i> .....	B. D.
Moorestown High School		
MARTIN VALUCK.....	<i>Lansford</i> .....	C. D.
Lansford High School		
CAROLUS ALTON WADE.....	<i>Phoenixville</i> .....	Phoenixville
Phoenixville High School		
LLOYD MONTGOMERY WEIDNER, JR..	<i>Pottstown</i> .....	F. H.
Pottstown High School		
DOROTHEA SENER WIEAND.....	<i>Lancaster</i> .....	Lynnewood
The Shippen School for Girls		
HORACE LEHR WITMAN.....	<i>Douglassville</i> .....	B. D.
Pottstown High School		
ARNOLD FRANCIS WYNNE.....	<i>Bangor</i> .....	D. H.
Bangor High School		
MARIAN RACHEL YEAGER.....	<i>Spring City</i> .....	Spring City
Spring City High School		
JOHN GAROBED YERGAT, JR.....	<i>Perkiomenville</i> ....	Perkiomenville
East Greenville High School		

## THE ENGLISH GROUP

RUTH HELENE BACHMAN.....	<i>Lancaster</i> .....	Sh. H.
Manheim Township High School		
MARION MARIE BARLOW.....	<i>Royersford, R. D.</i> .....	Royersford
Royersford High School		
FLORENCE AMELIA BAUER.....	<i>Palmyra, N. J.</i> .....	G.
Palmyra High School		
ALICE NELLIE BOWERS.....	<i>Heidlersburg</i> .....	Sp. H.
William Penn High School, Harrisburg		
HELEN GERTRUDE BRENDLE.....	<i>Egypt</i> .....	Mp.
Whitehall High School		
ANNA MAY BROOKS.....	<i>Washington Sq.</i> ...	Washington Sq.
Brown Preparatory School		
SARA ELVA BROWN.....	<i>Columbia</i> .....	Sh. H.
Columbia High School		



ROSE-MARIE BRUBAKER.....	<i>Phoenixville</i>	.....	Lynnewood Phoenixville High School
RUTH BURROWES.....	<i>Holmes</i>	.....	Mp. Friends' Select School
MILDRED ELIZABETH CAIN.....	<i>Collingswood, N. J.</i>	.....	Fircroft Collingswood High School
KATHRYN ANNA DIECKMAN.....	<i>East Mauch Chunk</i>	.....	Fircroft East Mauch Chunk High School
KETURAH REBECCA DONALSON....	<i>Kennett Square</i>	.....	Mp. Women's College, University of Delaware
CHARLES FRANCIS EHLY.....	<i>Philadelphia</i>	.....	C. D. Roxborough High School
SARA JANE ENNIS.....	<i>Trooper</i>	.....	Trooper Norristown High School
RALPH WHITING FISK.....	<i>Liberty, R. D., N. Y.</i>	.....	C. D. Wyoming Seminary
MILDRED GETTINGER FOX.....	<i>Morea</i>	.....	Lynnewood Mahanoy Township High School
VIRGINIA ELIZABETH GARRETT....	<i>Hallam</i>	.....	T. C. York Collegiate Institute
MARION LISLE HAGEMAN.....	<i>Rutherford, N. J.</i>	.....	T. C. Rutherford High School
ELIZABETH A. N. HAMILTON.....	<i>Brookline</i>	.....	Fircroft Haverford Township Senior High School
WILLIAM GORDON HANNAWAY.....	<i>Norristown</i>	.....	Norristown Pierce Business School
EVELYN MAE HOOVER.....	<i>Huntingdon Valley</i>	.....	Fircroft Lower Moreland High School
KATHRYN ELIZABETH HOUSMANN..	<i>Williamstown, N. J.</i>	.....	G. Glassboro High School
MARY ELIZABETH HUTCHINGS.....	<i>Berwick</i>	.....	Sh. H. Berwick High School
CRAIG JOHNSTON, JR.....	<i>Philadelphia</i>	.....	D. H. Ridley Park High School
RUTH NADINE JONES.....	<i>Glassboro, N. J.</i>	.....	Mp. Glassboro High School
WALTER BUTLER KELLY.....	<i>Philadelphia</i>	.....	B. D. Northeast High School
MRS. SARAH DOSSETT KENDALL....	<i>Pottstown</i>	.....	Pottstown Waco High School, Waco, Texas
MARION ELIZABETH KERN.....	<i>Nazareth</i>	.....	G. Nazareth High School
GORDON HERBERT LAMORE.....	<i>Pottstown</i>	.....	Pottstown Pottstown High School
HERMINE LOUISE LOOS.....	<i>Jersey City, N. J.</i>	.....	G. Lincoln High School

# Lists of Students

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ELIZABETH LUTHER .....	<i>Palmerton</i> .....	T. C.
Skidmore College		
SARAH ELIZABETH MCBRIDE.....	<i>Baltimore, Md.</i> .....	Sh. H.
Boonsboro High School		
MARY ELIZABETH MCDEVITT.....	<i>Kennett Square</i> .....	G.
Kennett Square Consolidated School		
VIRGINIA MEADOWCROFT.....	<i>Philadelphia</i> .....	Mp.
Frankford High School		
VIRGINIA ALTHEA MEYER.....	<i>Norristown</i> .....	Norristown
Hood College		
CAROLYN E. MULLIN.....	<i>Prospectville</i> .....	Lynnewood
Ambler High School		
DOROTHY PEARL O'BRIEN.....	<i>Phillipsburg, N. J.</i> ....	Lynnewood
Phillipsburg High School		
MILDRED MAY PETERMAN.....	<i>Limerick</i> .....	Sh. H.
Pottstown High School		
IRVING RAPPOPORT.....	<i>Ventnor, N. J.</i> .....	B. D.
Atlantic City High School		
LYNDELL R. R. REBER.....	<i>Royersford</i> .....	Sh. H.
Royersford High School		
FRANK EARL REYNOLDS.....	<i>Bethlehem</i> .....	D. H.
Liberty High School		
RUTH MARIAN ROTH.....	<i>Allentown</i> .....	G.
Allentown High School		
ELIZABETH SANTO.....	<i>Phillipsburg, N. J.</i> ....	Lynnewood
Phillipsburg High School		
CATHARINE ELIZABETH SAUDER....	<i>Oaklyn, N. J.</i> .....	Firecroft
Collingswood High School		
ELIZABETH SCHERFEL.....	<i>Pottstown, R. D.</i> .....	Pottstown
North Coventry High School		
MARGARET LEHMAN SHIVELY.....	<i>Philadelphia</i> .....	T. C.
Simon Gratz High School		
PEARCE AUGUSTUS SMITH.....	<i>Pottstown</i> .....	B. D.
Reading Senior High School		
JOYCE LUCILE STRICKLAND.....	<i>Snow Hill, Md.</i> .....	Collegeville
Snow Hill High School		
ORTHA ELOIS TAYLOR.....	<i>Codorus</i> .....	G.
Codorus Township High School		
IDA BLANCHE TROUT.....	<i>Palmyra, N. J.</i> .....	T. C.
Palmyra High School		
CHARLOTTE ROMAINE TYSON.....	<i>Red Lion</i> .....	G.
Red Lion High School		
RUTH MADELINE VERNA.....	<i>Norristown</i> .....	Norristown
Eisenhower Senior High School		
DORIS LOUTH WILFONG.....	<i>Media</i> .....	Mp.
Marple-Newtown High School		

ARLENE JOYCE WILLS.....	<i>Bangor</i>	Mp.
Bangor High School		
JESSIE FRANCES WILSON.....	<i>Reading</i>	Mp.
Wilson College		
ISOBEL WELKER WILT.....	<i>York</i>	Lynnewood
William Penn Senior High School		
VIOLET MARGARETTE WINTERSTEEN.....	<i>Port Carbon</i>	Fircroft
Pottsville High School		
DOROTHY AURAND WITMER.....	<i>Trappe</i>	Trappe
Collegeville High School		
KATHERINE LINDSAY WOOD.....	<i>Conshohocken</i>	Lynnewood
Conshohocken High School		

## THE MODERN LANGUAGES GROUP

SYLVIA LOUISE ACRI.....	<i>Marietta</i>	T. C.
Marietta High School		
LEILA GRACE AMOLE.....	<i>Pottstown</i>	Fircroft
Pottstown High School		
DOROTHY ELEANOR BARR.....	<i>Mahanoy City</i>	G.
Mahanoy City High School		
MARY ADELAIDE BECK.....	<i>Blain</i>	Sh. H.
Blain Vocational School		
MARTHA KATHLEEN BLACK.....	<i>Gettysburg</i>	Fircroft
Gettysburg High School		
ELEANOR LOUISE BOTHELL.....	<i>Phoenixville</i>	Mp.
Phoenixville High School		
PEARL OLIVE BRESSLER.....	<i>Hamburg, R. D.</i>	Sh. H.
Hamburg High School		
EDITH CRESSMAN.....	<i>Schwenksville</i>	Schwenksville
Schwenksville High School		
ELIZABETH FLORENCE EVANS.....	<i>Norristown</i>	T. C.
Eisenhower Senior High School		
LILLIAN BESSIE FRENCH.....	<i>Camden, N. J.</i>	Mp.
Camden High School		
MARION ESTHER GEHMAN.....	<i>Emaus, R. D.</i>	Emaus
Emaus High School		
MARJORIE GRISCOM GOTWALS.....	<i>Norristown</i>	Norristown
Vassar College		
ANNA DOROTHEA GRIMM.....	<i>Gettysburg</i>	T. C.
Gettysburg High School		
RUTH IRENE HAMMA.....	<i>Boonton, N. J.</i>	G.
Boonton High School		
IONE BEATRICE HAUSMANN.....	<i>Sunbury</i>	Fircroft
Sunbury High School		
PAULINE EDNA HEFFLEGER.....	<i>Tower City</i>	Mp.
Tower City High School		



# Lists of Students

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DOROTHY ELIZABETH HENDRICKS...	<i>Allentown</i>	Sp. H.
Sellersville-Perkasie High School		
EMMA PHIPPS KIRKPATRICK.....	<i>Conshohocken</i>	Mp.
Conshohocken High School		
ELIZABETH ANN KRUSEN.....	<i>Norristown</i>	T. C.
Eisenhower Senior High School		
RUTH MARGARETTA LEVENGOOD....	<i>Pottstown</i>	Fircroft
Pottstown High School		
HELEN LEWIS.....	<i>Berwyn</i>	Sh. H.
Westtown School		
JANET MACADAMS.....	<i>Drexel Hill</i>	T. C.
Upper Darby High School		
MIRIAM ELIZABETH MCFADDEN....	<i>Chadds Ford</i>	T. C.
West Chester High School		
CLAUDIA VICTORIA MOLLIER.....	<i>Trappe</i>	Trappe
Collegeville High School		
MARTHA MIRIAM MOORE.....	<i>Uwchland</i>	Fircroft
West Chester High School		
MARY ELIZABETH MYERS.....	<i>York</i>	Lynnewood
William Penn Senior High School		
SARA HELENE MYERS.....	<i>Philadelphia</i>	Mp.
Roxborough High School		
DOROTHY FLORENCE PATTERSON....	<i>Upper Darby</i>	Sp. H.
Central High School, Scranton		
FRANCES GLADYS PRINCE.....	<i>Pottstown</i>	G.
Cedar Crest College		
NELLIE LOUREE REMSBURG.....	<i>York</i>	Lynnewood
William Penn Senior High School		
BESSIE HARVENE ROEDER.....	<i>East Greenville</i>	Collegeville
East Greenville High School		
FREDA ERNA SCHINDLER.....	<i>Spring City</i>	Mp.
Spring City High School		
HENRY OTTO SCHMIDT.....	<i>Pottstown</i>	Pottstown
Pottstown High School		
JOHN FIREY SCHNEBLY.....	<i>Clearspring, Md.</i>	D. H.
Mercersburg Academy		
DORIS JEAN SNELLINGER.....	<i>York</i>	Sh. H.
William Penn Senior High School		
IRENE ELIZABETH TAKACS.....	<i>Martin's Creek</i>	Lynnewood
Easton High School		
GRACE ELEANOR THOMAS.....	<i>Phoenixville</i>	Phoenixville
Phoenixville High School		
JEAN LOUISE ULSH.....	<i>Lancaster</i>	T. C.
Stevens High School		
EVELYN EDNA VIRGIN.....	<i>Oxford, N. J.</i>	Sh. H.
Oxford High School		

EVELYN IRENE WEBBER.....	<i>Rehrersburg</i> .....	T. C.
Maryland College for Women		
FLORA EASTMAN YOUNGKEN.....	<i>Arlington, Mass.</i> .....	Sh. H.
Arlington High School		

## THE BUSINESS ADMINISTRATION GROUP

JANET VIRGINIA BARDSLEY.....	<i>Collingswood, N. J.</i> .....	Fircroft
Collingswood High School		
LAWRENCE BERARDELLI, JR.....	<i>Norristown</i> .....	D. H.
Eisenhower Senior High School		
CHARLTON HARRY BONHAM, JR....	<i>Kingston</i> .....	D. H.
Wyoming Seminary		
MILES RHEA BOWER.....	<i>Royersford</i> .....	Royersford
Royersford High School		
FREDERICK OTTO BOYSEN.....	<i>Egg Harbor City, N. J.</i> .....	B. D.
Egg Harbor City High School		
JAMES REBER BURK.....	<i>Beverly, N. J.</i> .....	B. D.
Moorestown High School		
ROBERT HUDSON CUNNINGHAM, JR..	<i>Paterson, N. J.</i> .....	C. D.
Eastside High School		
HENRY SAMUEL DETWILER.....	<i>Souderton</i> .....	S. H.
Bluffton College		
WILLIAM MITCHELL FENIMORE....	<i>Eagleville</i> .....	Eagleville
Eisenhower Senior High School		
PHILIP GARBER.....	<i>Norristown</i> .....	Norristown
Eisenhower Senior High School		
THOMAS WILLIAM GARRETT.....	<i>Orwigsburg</i> .....	C. D.
Orwigsburg High School		
FULLER HOOPER GRENAWALT.....	<i>Wilkes-Barre</i> .....	C. D.
Wyoming Seminary		
WILLIAM TILDEN HALLETT.....	<i>Canton</i> .....	B. D.
University of Alabama		
GEORGE LEONARD HECK, JR.....	<i>Haddonfield, N. J.</i> .....	C. D.
Haddonfield Memorial High School		
RICHARD HIRES HENSCHER.....	<i>Haddon Heights, N. J.</i> .....	C. D.
Haddon Heights High School		
RODMAN BLAIR HUNTER.....	<i>Spring City</i> .....	C. D.
The Hill School		
WILLIAM ROBERT HYLAND.....	<i>Hershey</i> .....	F. H.
Hershey High School		
HENRY BRANIN JAGGARD, JR.....	<i>Pitman, N. J.</i> .....	B. D.
Pitman High School		
EDWARD JOHN KNUDSEN.....	<i>Mantua, N. J.</i> .....	S. H.
Woodbury High School		
GLENN FARUT KOCHER.....	<i>Pottstown</i> .....	Pottstown
Pottstown High School		

# Lists of Students

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EMILY JEANETTE LABER.....	<i>Ridgefield Park, N. J.</i> .....	Mp.
Eastern University, Philadelphia		
HARRY FARLEY MARSHALL, JR.....	<i>Trenton, N. J.</i> .....	F. H.
Trenton High School		
DONALD FLINT MOWREY.....	<i>Spring City</i> .....	C. D.
Spring City High School		
ALVIN ROBERT PAUL.....	<i>Willow Grove</i> .....	Collegeville
Perkiomen Preparatory School		
RICHARD BOORSE PEIRCE.....	<i>Ft. Washington</i> ...	Ft. Washington
Cheltenham High School		
GEORGE RUDOLPH PETERSEN.....	<i>Philadelphia</i> .....	C. D.
Simon Gratz High School		
WILLIAM HENRY POLE, 3rd.....	<i>Collingswood, N. J.</i> .....	C. D.
Collingswood High School		
THOMAS ROWLAND PRICE.....	<i>Palmyra, N. J.</i> .....	B. D.
Palmyra High School		
WILLIAM HARVEY QUAY.....	<i>Kingston</i> .....	C. D.
Wyoming Seminary		
CHARLES COLTON SMITH.....	<i>Hartford, Conn.</i> .....	S. H.
Hartford High School		
JAMES MARVIN SMITH, JR.....	<i>Miami, Fla.</i> .....	S. H.
Miami High School		
MAYNARD HENRY SMITH.....	<i>Myerstown</i> .....	B. D.
Myerstown High School		
DAVID ROBERT STEPHENSON.....	<i>York</i> .....	D. H.
William Penn Senior High School		
IRVING EDWARD SUTIN.....	<i>Albany, N. Y.</i> .....	B. D.
Albany High School		
JOHN A. TAYLOR, JR.....	<i>Collingswood, N. J.</i> ..	Collegeville
Collingswood High School		
DOROTHY MAE THOMAS.....	<i>Kingsley</i> .....	Sh. H.
Scranton-Lackawanna College		
STANLEY CLAIRE WEIDMAN.....	<i>Sinking Spring</i> .....	C. D.
Sinking Spring High School		
LLOYD MONTGOMERY WEIDNER, JR.....	<i>Pottstown</i> .....	F. H.
Pottstown High School		
SIGMOND WEISS.....	<i>Norristown</i> .....	Norristown
Eisenhower Senior High School		
JAMES MONROE WHARTON.....	<i>Kingston</i> .....	S. H.
Kingston High School		
JOHN CLAYTON WORSTER.....	<i>Meadowbrook</i> .....	B. D.
Abington High School		
CHARLES KING WYNKOOP.....	<i>Palmyra, N. J.</i> .....	F. H.
Palmyra High School		



## THE PHYSICAL EDUCATION GROUP

LILLIAN MARSDON BARNETT.....	<i>Philadelphia</i>	Mp.
Philadelphia High School for Girls		
NEISON DONALD BASSLER.....	<i>Tamaqua</i>	B. D.
Tamaqua High School		
MARION BLEW.....	<i>Philadelphia</i>	Evansburg
Lansdowne High School		
VINCENT JACOB BONKOSKI.....	<i>Conshohocken</i>	Conshohocken
Newton School, Newton, N. J.		
EUGENE JOSEPH BRADFORD.....	<i>Collingswood, N. J.</i>	D. H.
Collingswood High School		
THOMAS ARMOUR BURNS.....	<i>Philadelphia</i>	C. D.
Northeast High School		
CLIFFORD DONALDSON CALVERT, JR.....	<i>Philadelphia</i>	S. H.
Overbrook High School		
RAYMOND ANTHONY COSTELLO.....	<i>Burlington, N. J.</i>	B. D.
Burlington High School		
JOHN EDWARD DAVISON.....	<i>Roslyn</i>	B. D.
Abington High School		
HELEN FRANCES EISENBERG.....	<i>Conshohocken</i>	Fircroft
Conshohocken High School		
SILVIA MARY ERDMAN.....	<i>Quakertown</i>	T. C.
Quakertown High School		
VIRGINIA COLBURN FENTON.....	<i>Westmont, N. J.</i>	G.
Haddonfield High School		
RUSSELL SAGE FISHER.....	<i>Sellersville</i>	C. D.
Sellersville High School		
MARIAN DIANTHA GARRETT.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
MILDRED DETWILER GODSHALL.....	<i>Collegeville</i>	Collegeville
Collegeville High School		
JOHN G. GRIMM.....	<i>New Brighton</i>	F. H.
New Brighton High School		
EMMA JEAN HABEL.....	<i>Morristown, N. J.</i>	Sp. H.
Morristown High School		
ANDREW JOHN JAKOMAS.....	<i>McKeesport</i>	B. D.
McKeesport High School		
PAUL WESLEY LAUER.....	<i>Red Lion</i>	B. D.
Red Lion High School		
RUTH ELIZABETH LECRON.....	<i>Drexel Hill</i>	Sp. H.
Upper Darby High School		
HOWARD ALLEN MICHENER.....	<i>Bridgeport</i>	Bridgeport
Bridgeport High School		
MEREDITH EVAN NEIMAN.....	<i>York</i>	F. H.
William Penn Senior High School		

# Lists of Students

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SARAH MARY OUDERKIRK.....	<i>Philadelphia</i>	T. C.
Friends' Select School		
SARA LOIE PFAHLER.....	<i>Wilkes-Barre</i>	Sp. H.
Coughlin High School		
AURELIA DOLORES QUAY.....	<i>Collegeville</i>	Collegeville
Lansdale High School		
LACHMAN RINEHART.....	<i>Bridgeport</i>	D. H.
Lower Merion High School		
DORIS THERESA ROACH.....	<i>Haddon Heights, N. J.</i>	Sh. H.
Haddon Heights High School		
RUTH HELEN ROTHENBERGER.....	<i>Pennsburg</i>	Pennsburg
Pennsburg High School		
GEORGE JOHN SANTORO.....	<i>Norristown</i>	Norristown
Eisenhower Senior High School		
CHARLES JOSEPH SCHAEFFER.....	<i>Philadelphia</i>	F. H.
Germantown High School		
WILLIAM FREDERICK SCHULDT.....	<i>Queens Village, L. I., N. Y.</i>	C. D.
Hempstead High School		
MAURICE SHUMAN .....	<i>Salem, N. J.</i>	S. H.
Wenonah Military Academy		
CLYDE LEON TRUMBORE.....	<i>Souderton</i>	S. H.
Souderton High School		
ANNA M. UHRICH.....	<i>Myerstown</i>	Collegeville
Myerstown High School		
KENNETH TITUS WILDONGER.....	<i>Allentown</i>	B. D.
Allentown High School		
LOUISE PEPPER WRIGHT.....	<i>Bridgeville, Delaware</i>	G.
Posse Nissen School of Physical Education		
NELLIE LAUER WRIGHT.....	<i>Phillipsburg, N. J.</i>	Fircroft
Phillipsburg High School		

## SPECIAL STUDENTS

FRANCES FLORENCE GELLER.....	<i>Wyncote</i>	Wyncote
Temple University		
ADELE GOODMAN.....	<i>Boyertown</i>	Boyertown
Temple University		
BLANCHE HOFF WISMER.....	<i>Collegeville</i>	Collegeville
Collegeville High School		

## STUDENTS IN MUSIC

### Pursuing College Courses in Music:

FRANKLIN LEWIS ALBRIGHT.....	<i>Allentown, R. D.</i>	F. H.
JANET VIRGINIA BARDSLEY.....	<i>Collingswood, N. J.</i>	Fircroft
NEISON DONALD BASSLER.....	<i>Tamaqua</i>	B. D.
ROBERT STANLEY BLACK.....	<i>Hershey</i>	B. D.

VINCENT JACOB BONKOSKI.....	<i>Conshohocken</i>	Conshohocken
WALTER THOMAS BOYER.....	<i>Douglassville</i>	F. H.
PEARL OLIVE BRESSLER.....	<i>Hamburg, R. D.</i>	Sh. H.
THOMAS ARMOUR BURNS.....	<i>Philadelphia</i>	C. D.
GEORGE BEAR CARVELL.....	<i>Narvon, R. D.</i>	F. H.
JOHN RAYMOND CHRISTY, JR.....	<i>Philadelphia</i>	Philadelphia
RAYMOND ANTHONY COSTELLO.....	<i>Burlington, N. J.</i>	B. D.
EDITH CRESSMAN.....	<i>Schwenksville</i>	Schwenksville
CHARLES EVERETT DANEHOWER.....	<i>Norristown</i>	B. D.
SILVIA MARY ERDMAN.....	<i>Quakertown</i>	T. C.
WILLIAM MITCHELL FENIMORE.....	<i>Eagleville</i>	Eagleville
VIRGINIA COLBURN FENTON.....	<i>Westmont, N. J.</i>	G.
LILLIAN BESSIE FRENCH.....	<i>Camden, N. J.</i>	Mp.
MAUDE BEST FUNK.....	<i>New Hope</i>	Fircroft
GEORGE GIVANT.....	<i>Lancaster</i>	C. D.
MARJORIE GRISCOM GOTWALS.....	<i>Norristown</i>	Norristown
WILLIAM TILDEN HALLETT.....	<i>Canton</i>	B. D.
MARY ELIZABETH HUTCHINGS.....	<i>Berwick</i>	Sh. H.
ANDREW JOHN JAKOMAS.....	<i>McKeesport</i>	B. D.
GLENN FARUT KOCHER.....	<i>Pottstown</i>	Pottstown
PAUL WESLEY LAUER.....	<i>Red Lion</i>	B. D.
RUTH ELIZABETH LE Cron.....	<i>Drexel Hill</i>	Sp. H.
RUTH MARGARETTA LEVENGOOD.....	<i>Pottstown</i>	Fircroft
RUBIN LEVIN.....	<i>Philadelphia</i>	D. H.
GEORGE MALSBERGER LONGAKER, JR.....	<i>Pottstown</i>	C. D.
JANET MACADAMS.....	<i>Drexel Hill</i>	T. C.
WARD FRANKLIN MACNAIR.....	<i>Chalfont</i>	D. H.
HARRY FARLEY MARSHALL, JR.....	<i>Trenton, N. J.</i>	F. H.
HOWARD ALLEN MICHENER.....	<i>Bridgeport</i>	Bridgeport
CLAUDIA VICTORIA MOLLIER.....	<i>Trappe</i>	Trappe
CAROLYN E. MULLIN.....	<i>Prospectville</i>	Lynnewood
EDGAR LEE PORTER.....	<i>Wayne</i>	D. H.
JOHN FREDERICK PROUT.....	<i>Pottstown</i>	Pottstown
NANCY CAROLINE PUGH.....	<i>East Petersburg</i>	T. C.
GEORGE JOHN SANTORO.....	<i>Norristown</i>	Norristown
FREDA ERNA SCHINDLER.....	<i>Spring City</i>	Mp.
HENRY OTTO SCHMIDT.....	<i>Pottstown</i>	Pottstown
WILLIAM FREDERICK SCHULDT.....	<i>Queens Village, L. I., N. Y.</i>	C. D.
WILLIAM DONALD SPRINGER.....	<i>Tamaqua</i>	D. H.
KENNETH TITUS WILDONGER.....	<i>Allentown</i>	B. D.
NELLIE LAUER WRIGHT.....	<i>Phillipsburg, N. J.</i>	Fircroft
ADA BOHNENBERGER YOUNG.....	<i>Hendricks</i>	Hendricks



## Receiving Private Instruction:

JOHN RAYMOND CHRISTY, JR.....	<i>Philadelphia</i>	.....	Philadelphia
MARIO FARIAS.....	<i>Beverly, N. J.</i>	.....	B. D.
ANNA DOROTHEA GRIMM.....	<i>Gettysburg</i>	.....	T. C.
HARVEY LEROY LANDIS.....	<i>Royersford</i>	.....	Royersford
RUTH MARGARETTA LEVENGOOD.....	<i>Pottstown</i>	.....	Fircroft
HELEN LEWIS.....	<i>Berwyn</i>	.....	Sh. H.
HOWARD ALLEN MICHENER.....	<i>Bridgeport</i>	.....	Bridgeport
CLAUDIA VICTORIA MOLLIER.....	<i>Trappe</i>	.....	Trappe
KATHRYN MIRIAM PRIZER.....	<i>Pottstown, R. D.</i>	.....	Fircroft
JOHN FREDERICK PROUT.....	<i>Pottstown</i>	.....	Pottstown
KATHRYN SCHULTZ.....	<i>Skippack</i>	.....	Skippack
IRENE ELIZABETH TAKACS.....	<i>Martin's Creek</i>	.....	Lynnewood
GRACE ELEANOR THOMAS.....	<i>Phoenixville</i>	.....	Phoenixville
DORIS LOUTH WILFONG.....	<i>Media</i>	.....	Mp.

## DIRECTORY OF STUDENTS

The italic letters set opposite the name indicate the group or department to which the student belongs: *Cl.*, Classics group; *M.*, Mathematics group; *C-B.*, Chemistry-Biology group; *H-S.*, History-Social Science group; *E.*, English group; *M-L.*, Modern Languages group; *B. A.*, Business Administration group; *P. E.*, Physical Education group.

The final letter A indicates that the student is a candidate for the degree of Bachelor of Arts; the final letter S indicates that the student is a candidate for the degree of Bachelor of Science.

### FOURTH YEAR

Albright, C. H., Jr., <i>C-B.</i> .....	S	Hageman, M. L., <i>E.</i> .....	S
Anderson, I. E., <i>H-S.</i> .....	A	Henschel, R. H., <i>B. A.</i> .....	S
Bennett, R. E., <i>C-B.</i> .....	S	Herbert, G. E., <i>H-S.</i> .....	A
Blasband, C., <i>H-S.</i> .....	S	Hershey, E. B., <i>H-S.</i> .....	S
Blew, M., <i>P. E.</i> .....	S	Houck, H. E., <i>C-B.</i> .....	S
Bonham, C. H., Jr., <i>B. A.</i> .....	S	Hutchings, M. E., <i>E.</i> .....	A
Boston, C. S., <i>M.</i> .....	S	Jenkins, M. E. J., <i>H-S.</i> .....	A
Bower, M. R., <i>B. A.</i> .....	S	Johnson, H. J., Jr., <i>C-B.</i> .....	S
Breisch, D. G., <i>H-S.</i> .....	S	Jones, R. N., <i>E.</i> .....	A
Brooks, A. M., <i>E.</i> .....	A	Kern, S. L., <i>M.</i> .....	A
Brown, S. E., <i>E.</i> .....	A	Kitchen, S. E., <i>H-S.</i> .....	S
Brubaker, R. M., <i>E.</i> .....	A	Kochenberger, H. L., <i>C-B.</i> .....	S
Burhans, D. T., <i>C-B.</i> .....	A	Laber, E. J., <i>B. A.</i> .....	S
Cadwell, L. H., <i>H-S.</i> .....	S	Lewis, H., <i>M-L.</i> .....	A
Carlberg, D., <i>C-B.</i> .....	S	Lightner, E. R., <i>H-S.</i> .....	A
Claghorn, A., <i>C-B.</i> .....	S	Liverant, S. I. H., <i>H-S.</i> .....	A
Clark, J. R., <i>C-B.</i> .....	S	Longaker, G. M., Jr., <i>C-B.</i> .....	S
Clark, N. M., <i>H-S.</i> .....	S	Loos, H. L., <i>E.</i> .....	S
Cressman, E., <i>M-L.</i> .....	A	Luther, E., <i>E.</i> .....	S
Cunningham, R. H., Jr., <i>B. A.</i> .....	S	McFadden, M. E., <i>M-L.</i> .....	A
Danehower, C. E., <i>M.</i> .....	S	Meyer, V. A., <i>E.</i> .....	A
Detwiler, H. S., <i>B. A.</i> .....	S	Miller, D. L., <i>H-S.</i> .....	S
Donalson, K. R., <i>E.</i> .....	A	Mitchell, L. W., <i>H-S.</i> .....	S
Dresch, R. C., <i>H-S.</i> .....	A	Moore, M. M., <i>M-L.</i> .....	A
Eisenberg, H. F., <i>P. E.</i> .....	S	Myers, M. E., <i>M-L.</i> .....	A
Evans, J. L., <i>M.</i> .....	A	Neast, B. M., <i>H-S.</i> .....	A
Farrell, M. J., <i>C-B.</i> .....	S	O'Donnell, W. A., Jr., <i>H-S.</i> .....	S
Fiss, G. W., 3d, <i>M.</i> .....	S	Ouderkirk, S. M., <i>P. E.</i> .....	A
Frosch, F. M., <i>C-B.</i> .....	S	Paul, A. R., <i>B. A.</i> .....	S
Garrett, M. D., <i>P. E.</i> .....	S	Peters, L. D., <i>H-S.</i> .....	S
Gehman, M. E., <i>M-L.</i> .....	A	Pfahler, S. L., <i>P. E.</i> .....	A
Gregory, D. L., <i>H-S.</i> .....	A	Prince, F. G., <i>M-L.</i> .....	A
Gruver, L. D., <i>M.</i> .....	S	Prizer, K. M., <i>M.</i> .....	A
		Quay, A. D., <i>P. E.</i> .....	S

# Lists of Students

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Remsburg, N. L., <i>M-L</i> .....	A	Brendle, H. G., <i>E</i> .....	A
Robson, C. R., <i>H-S</i> .....	S	Brian, H. F., <i>H-S</i> .....	S
Roeder, B. H., <i>M-L</i> .....	A	Burrowes, R., <i>E</i> .....	S
Roth, R. M., <i>E</i> .....	A	Carr, R. L., <i>H-S</i> .....	S
Russo, J. M., <i>C-B</i> .....	S	Cooke, F. V., <i>C-B</i> .....	S
Russo, J., <i>H-S</i> .....	S	Cooper, H. A., <i>H-S</i> .....	S
Schnebly, J. F., <i>M-L</i> .....	A	Covert, E. W., <i>C-B</i> .....	S
Seiple, H. E., <i>H-S</i> .....	S	Dedrick, P. E., <i>C-B</i> .....	S
Shade, J. G., <i>C-B</i> .....	S	Ellis, E. S., <i>C-B</i> .....	S
Shaffer, R. E., <i>H-S</i> .....	A	Evans, W. H., <i>C-B</i> .....	S
Shear, L. V., <i>H-S</i> .....	S	Farias, M., <i>H-S</i> .....	S
Shollenberger, N. W., <i>Cl</i> .....	A	File, M. A., <i>M</i> .....	S
Shuman, M., <i>P.E</i> .....	S	Fisher, R. S., <i>P.E</i> .....	S
Smith, M. H., <i>B.A</i> .....	S	Fox, M. G., <i>E</i> .....	A
Sommers, E. B., <i>C-B</i> .....	S	Francis, B. I., <i>C-B</i> .....	S
Springer, W. D., <i>H-S</i> .....	S	Frantz, R. R., <i>C-B</i> .....	S
Stephenson, D. R., Jr., <i>B.A</i> .....	S	Funk, M. B., <i>M</i> .....	S
Strickland, J. L., <i>E</i> .....	A	Geller, B., <i>C-B</i> .....	S
Sutin, I. E., <i>B.A</i> .....	S	George, C., <i>M</i> .....	S
Takacs, I. E., <i>M-L</i> .....	A	Gill, C. H., <i>M</i> .....	S
Thomas, G. E., <i>M-L</i> .....	A	Givant, G., <i>H-S</i> .....	A
Tolomeo, M., <i>C-B</i> .....	S	Goldberg, L., <i>C-B</i> .....	S
Tropp, W., <i>H-S</i> .....	S	Gotwals, M. G., <i>M-L</i> .....	S
Virgin, E. E., <i>M-L</i> .....	A	Grimm, A. D., <i>M-L</i> .....	A
Weidman, S. C., <i>B.A</i> .....	S	Hamma, R. I., <i>M-L</i> .....	A
Wharton, J. M., <i>B.A</i> .....	S	Harvey, C. E., <i>M</i> .....	S
Wilt, I. W., <i>E</i> .....	A	Hausmann, I. B., <i>M-L</i> .....	A
Wintersteen, V. M., <i>E</i> .....	A	Heck, G. L., Jr., <i>B.A</i> .....	S
Yergat, J. G., Jr., <i>H-S</i> .....	S	Heiges, J. G., <i>H-S</i> .....	A

## THIRD YEAR

Acri, S. L., <i>M-L</i> .....	A	Hepner, T. G., <i>H-S</i> .....	S
Amole, L. G., <i>M-L</i> .....	A	Hess, D. R., <i>C-B</i> .....	S
Anders, W. D., <i>C-B</i> .....	S	Hoover, E. M., <i>E</i> .....	S
Bardsley, J. V., <i>B.A</i> .....	A	Hoppes, C. W., <i>C-B</i> .....	S
Barnett, L. M., <i>P.E</i> .....	S	Horne, D. E., <i>M</i> .....	A
Barr, D. E., <i>M-L</i> .....	A	Hunter, R. B., <i>B.A</i> .....	S
Bartholomew, G. J., <i>H-S</i> .....	A	Johnson, R., Jr., <i>M</i> .....	S
Berardelli, L., Jr., <i>B.A</i> .....	S	Johnston, C., Jr., <i>E</i> .....	S
Bernauer, A. M., <i>C-B</i> .....	S	Kern, M. E., <i>E</i> .....	A
Bille, H. G., Jr., <i>C-B</i> .....	S	Knudsen, E. J., <i>B.A</i> .....	S
Blasberg, H. M., <i>H-S</i> .....	S	Kravitz, A., <i>M</i> .....	S
		Kurtz, C. R., <i>C-B</i> .....	S
		Kutra, P. G., <i>C-B</i> .....	S



Leidy, A. M., *M*.....S  
 Levensgood, P. W., *C-B*.....S  
 Levensgood, R. M., *M-L*.....A  
 Levin, S. C., *M*.....S  
 Link, C. G., *Cl*.....A  
 Little, D. F., Jr., *H-S*.....S  
 Lyle, E., *H-S*.....A  
 Miller, R. C., *C-B*.....S  
 Mowrey, D. F., *B. A*.....S  
 Mueller, F. W., Jr., *H-S*.....S  
 Myers, S. H., *M-L*.....S  
 Newsome, H. E., *H-S*.....S  
 O'Brien, D. P., *E*.....S  
 Patterson, D. F., *M-L*.....A  
 Paxson, M., *C-B*.....S  
 Pole, W. H., 3d, *B. A*.....S  
 Porter, E. L., *C-B*.....S  
 Price, T. R., *B. A*.....S  
 Price, W. S., *C-B*.....S  
 Renneberg, R. E., *M*.....S  
 Richard, A. M., *H-S*.....S  
 Roeder, C. V., *M*.....S  
 Saylor, I. R., *C-B*.....S  
 Schiele, F. B., *H-S*.....S  
 Schindler, F. E., *M-L*.....A  
 Schnabel, J., Jr., *H-S*.....S  
 Shafto, E. A., *C-B*.....S  
 Shindel, D. L., *C-B*.....S  
 Shively, M. L., *E*.....S  
 Sipe, T. O., *H-S*.....S  
 Smith, P. A., *E*.....S  
 Stapp, H. L., *C-B*.....S  
 Stephen, S. J., *C-B*.....S  
 Stewart, A. R., *C-B*.....S  
 Stewart, R. C., *H-S*.....S  
 Stoudt, G. P., *H-S*.....S  
 Stratton, H. E., *H-S*.....S  
 Straub, C. F., *H-S*.....S  
 Tempest, W. H., *H-S*.....A  
 Thomas, D. M., *B. A*.....S  
 Turner, R. N., *H-S*.....S  
 Wilfong, D. L., *E*.....S

Wire, W. H., *C-B*.....S  
 Witman, H. L., *H-S*.....S

## SECOND YEAR

Alspach, M. H., *H-S*.....S  
 Anderson, D. G., *C-B*.....S  
 Baker, A. M., *H-S*.....S  
 Bassman, H., *H-S*.....S  
 Beck, M. A., *M-L*.....S  
 Beddow, T. J., *H-S*.....A  
 Benjamin, K. W., *C-B*.....S  
 Beyer, H. A., *M*.....S  
 Bowers, A. N., *E*.....A  
 Bown, W. C., *C-B*.....S  
 Boysen, F. O., *B. A*.....S  
 Boysen, T. H., Jr., *C-B*.....S  
 Bradford, E. J., *B. A*.....S  
 Brandaur, R. L., *C-B*.....S  
 Brown, J. H., Jr., *H-S*.....S  
 Brune, D. E., *M*.....A  
 Caldwell, H. G., *H-S*.....A  
 Calvert, C. D., Jr., *P. E*.....S  
 Carvell, G. B., *H-S*.....S  
 Clawson, A. R., *C-B*.....S  
 Cubberley, C. L., Jr., *C-B*.....S  
 Davison, J. E., *P. E*.....S  
 Deen, R. R., *C-B*.....S  
 Eaches, E. M., *M*.....S  
 Ehly, C. F., *E*.....A  
 Epprecht, G. K., *M*.....S  
 Evans, D. G., *M*.....S  
 Evans, E. F., *M-L*.....A  
 Fissel, G. E., *C-B*.....S  
 Franklin, G. W., *C-B*.....S  
 Freas, O. C., Jr., *C-B*.....S  
 Freece, C. A., *M*.....S  
 Frey, E. H., *Cl*.....S  
 Gabriel, A. R., *H-S*.....S  
 Ganser, L. E., *M*.....S  
 Garrett, T. W., *B. A*.....S  
 Garrett, V. E., *E*.....A  
 Gaumer, A. R., *H-S*.....S

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Gensler, H. B., <i>H-S</i> .....	S	Mowere, F. S., <i>M</i> .....	S
Glassmoyer, T. P., <i>H-S</i> .....	A	Neiman, M. E., <i>P.E</i> .....	S
Godshall, M. D., <i>C-B</i> .....	S	Ohl, D. G., <i>M</i> .....	S
Grenawalt, F. H., <i>B. A</i> .....	S	Peirce, R. B., <i>B. A</i> .....	S
Grimm, J. G., <i>P.E</i> .....	S	Peterman, M. M., <i>E</i> .....	S
Gring, M. E., <i>H-S</i> .....	S	Pilkington, T. R., <i>C-B</i> .....	S
Habel, E. J., <i>P.E</i> .....	S	Pugh, N. C., <i>H-S</i> .....	S
Hannaway, W. G., <i>E</i> .....	S	Rappoport, I., <i>E</i> .....	A
Harbaugh, E. K., <i>H-S</i> .....	A	Reber, L. R. R., <i>E</i> .....	A
Heffleger, P. E., <i>M-L</i> .....	A	Reese, J. E., <i>C-B</i> .....	S
Hillier, J. L., <i>C-B</i> .....	S	Rinehart, L., <i>P.E</i> .....	S
Hoffman, N. F., Jr., <i>C-B</i> .....	S	Roach, D. T., <i>P.E</i> .....	S
Holcombe, H. N., <i>C-B</i> .....	S	Robbins, W. W., <i>M</i> .....	S
Humphreys, E. C., <i>H-S</i> .....	S	Rothenberger, R. H., <i>P.E</i> .....	S
Hyland, W. R., <i>B. A</i> .....	S	Sacks, S., <i>H-S</i> .....	S
Jaggard, H. B., Jr., <i>B. A</i> .....	S	Santoro, C., <i>H-S</i> .....	S
Johnson, N. A., <i>M</i> .....	S	Schaeffer, E. R., <i>C-B</i> .....	S
Jones, H. E., <i>C-B</i> .....	S	Schaeffer, H. A. W., <i>H-S</i> .....	S
Kassab, E., <i>C-B</i> .....	S	Schaffer, C. J., <i>P.E</i> .....	S
Kates, E. R., Jr., <i>C-B</i> .....	S	Schmitt, E. W. J., <i>H-S</i> .....	S
Keyser, S. H., <i>H-S</i> .....	A	Sclafan, W., <i>C-B</i> .....	S
Kinkade, L. P., <i>C-B</i> .....	S	Shelley, M. V., <i>H-S</i> .....	S
Kirkpatrick, E. P., <i>M</i> .....	S	Shelly, P. R., <i>Cl</i> .....	A
Kocher, D. H., <i>C-B</i> .....	S	Shibe, W. J., Jr., <i>C-B</i> .....	S
Krause, J., <i>C-B</i> .....	S	Smith, C. C., <i>B. A</i> .....	S
Krebs, R. L., <i>H-S</i> .....	S	Smith, T. V., <i>H-S</i> .....	A
Krusen, E. A., <i>M-L</i> .....	S	Solly, W. H., Jr., <i>H-S</i> .....	S
Kwiecinski, H. M., <i>H-S</i> .....	S	Spangler, G. W., <i>C-B</i> .....	S
Landis, E. M., <i>H-S</i> .....	S	Stoudt, M. R., <i>H-S</i> .....	S
Landis, H. L., <i>H-S</i> .....	S	Taylor, J. A., Jr., <i>B. A</i> .....	S
Laubenstein, H. R., <i>C-B</i> .....	S	Trumbore, L., <i>P.E</i> .....	S
Leebron, W. M., <i>C-B</i> .....	S	Washko, P. J., <i>C-B</i> .....	S
Levin, R., <i>H-S</i> .....	S	Webber, E. I., <i>M-L</i> .....	S
Ludwig, A. E., <i>M</i> .....	S	Weidner, L. M., Jr., <i>H-S</i> .....	S
MacAdams, J., <i>M-L</i> .....	S	Weiss, S., <i>B. A</i> .....	S
McAvoy, R. C., <i>H-S</i> .....	S	Wieand, D. S., <i>H-S</i> .....	S
McBride, S. E., <i>E</i> .....	A	Williams, P. E., <i>C-B</i> .....	S
McLaughlin, R. F., <i>M</i> .....	A	Wilson, J. F., <i>E</i> .....	A
Mackley, R. E., <i>M</i> .....	S	Wright, L. P., <i>P.E</i> .....	S
Matthews, G. R., <i>C-B</i> .....	S	Wynne, A. F., <i>H-S</i> .....	S
Meadowcroft, V., <i>E</i> .....	S	Yeager, E. E., <i>C-B</i> .....	S
Meinhardt, S. W., <i>M</i> .....	A	Zerbe, R. B., <i>C-B</i> .....	S

## FIRST YEAR

Adams, D. L., <i>H-S</i> .....	S	Garber, P., <i>B. A</i> .....	S
Albright, F. L., <i>M</i> .....	S	Gaumer, E. S., <i>H-S</i> .....	S
Armstrong, G. A., Jr., <i>C-B</i> .....	S	Geary, E. W., <i>C-B</i> .....	S
Bachman, R. H., <i>E</i> .....	S	Gehly, R., <i>P. E</i> .....	S
Barlow, M. M., <i>E</i> .....	S	Godshall, G. D., <i>C-B</i> .....	S
Barnes, R. J., <i>M</i> .....	S	Goldberg, H. A., <i>C-B</i> .....	S
Bassler, N. D., <i>P. E</i> .....	S	Griffiths, H., <i>C-B</i> .....	S
Bauer, F. A., <i>E</i> .....	S	Halberstadt, H. S., <i>H-S</i> .....	S
Black, M. K., <i>M-L</i> .....	A	Hallett, W. T., <i>B. A</i> .....	S
Black, R. S., <i>C-B</i> .....	S	Hamilton, E. A., <i>E</i> .....	S
Bonkoski, V. J., <i>P. E</i> .....	S	Heiges, H. K., <i>C-B</i> .....	S
Bothell, E. L., <i>M-L</i> .....	A	Hendricks, D. E., <i>M-L</i> .....	A
Bowe, F. E., <i>C-B</i> .....	S	Housmann, K. E., <i>E</i> .....	A
Boyer, W. T., <i>C-B</i> .....	S	Hummel, R. F., <i>C-B</i> .....	S
Brandt, M. B., <i>H-S</i> .....	S	Jakomas, A. J., <i>P. E</i> .....	S
Bressler, P. O., <i>M-L</i> .....	A	Jensen, V. E., <i>M</i> .....	S
Burk, J. R., <i>B. A</i> .....	S	Jones, R. C., Jr., <i>C-B</i> .....	S
Burns, T. A., <i>P. E</i> .....	S	Kelly, W. B., <i>E</i> .....	S
Cain, M. E., <i>E</i> .....	A	Kendall, S. D., <i>E</i> .....	A
Chestnut, D., Jr., <i>H-S</i> .....	S	Kochel, G. F., <i>B. A</i> .....	S
Christy, J. R., Jr., <i>C-B</i> .....	S	Krug, L. A., <i>C-B</i> .....	S
Cossey, D. C., <i>C-B</i> .....	S	Lamore, G. H., <i>E</i> .....	S
Costello, R. A., <i>P. E</i> .....	S	Lauer, P. W., <i>P. E</i> .....	S
Cramer, W. S., <i>M</i> .....	S	LeCron, R. E., <i>P. E</i> .....	S
Davis, E. A., <i>C-B</i> .....	S	Leman, W. W., <i>C-B</i> .....	S
Dieckman, K. A., <i>E</i> .....	S	Lipkin, A. E., <i>H-S</i> .....	A
Dilfer, M. Z., <i>H-S</i> .....	S	Lucia, L. T., <i>H-S</i> .....	S
Dunn, R., <i>M</i> .....	S	MacNair, W. F., <i>M</i> .....	S
Edgerton, B. D., <i>M</i> .....	S	McDevitt, M. E., <i>E</i> .....	A
Edwards, C. H., <i>C-B</i> .....	S	Maloney, J. L., <i>C-B</i> .....	S
Eisenberg, F. E., <i>C-B</i> .....	S	Marshall, H. F., Jr., <i>B. A</i> .....	S
Ennis, S. J., <i>E</i> .....	A	Michener, H. A., <i>P. E</i> .....	S
Epprecht, W. J., Jr., <i>C-B</i> .....	S	Miller, F. L., <i>C-B</i> .....	S
Erdman, S. M., <i>P. E</i> .....	S	Miller, R. E., <i>C-B</i> .....	S
Fehnel, L. R., <i>C-B</i> .....	S	Mollier, C. V., <i>M-L</i> .....	A
Fenimore, W. M., <i>B. A</i> .....	S	Mullin, C. E., <i>E</i> .....	A
Fenstermacher, H. F., <i>Cl</i> .....	A	Murray, R. A., <i>C-B</i> .....	S
Fenton, V. C., <i>P. E</i> .....	S	Olp, M. L., <i>M</i> .....	S
Fisk, R. W., <i>E</i> .....	S	Pancoast, G. S., <i>H-S</i> .....	S
French, L. B., <i>M-L</i> .....	A	Pearlstine, B., <i>C-B</i> .....	S
Frost, E., <i>H-S</i> .....	S	Petersen, G. R., <i>B. A</i> .....	S
		Poley, G. E., <i>C-B</i> .....	S



# Lists of Students

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Prout, J. F., <i>M</i> .....S	Tworzydlo, F. R., <i>H-S</i> .....S
Quay, W. H., <i>B. A</i> .....S	Tyson, C. R., <i>E</i> .....A
Rahn, A. W., <i>H-S</i> .....S	Ulsh, J. L., <i>M-L</i> .....A
Raup, J., <i>M</i> .....S	Valuck, M., <i>H-S</i> .....S
Reynolds, F. E., <i>E</i> .....S	Verna, R. M., <i>E</i> .....A
Rile, E. B., <i>H-S</i> .....S	Wade, C. A., <i>H-S</i> .....A
Roberts, F. L., <i>H-S</i> .....A	Warner, S. C., <i>C-B</i> .....A
Rossell, C. F., Jr., <i>C-B</i> .....S	Watson, P. M., <i>M</i> .....S
Santo, E., <i>E</i> .....S	Wildonger, K. T., <i>P.E</i> .....S
Santoro, G. J., <i>P.E</i> .....S	Wills, A. J., <i>E</i> .....A
Sauder, C. E., <i>E</i> .....A	Witmer, D. A., <i>E</i> .....A
Scherfel, E., <i>E</i> .....S	Wood, K. L., <i>E</i> .....S
Schmidt, H. O., <i>M-L</i> .....A	Worster, J. C., <i>B. A</i> .....S
Schuldt, W. F., <i>P.E</i> .....S	Wright, N. L., <i>P.E</i> .....S
Seitz, R. H., <i>C-B</i> .....S	Wynkoop, C. K., <i>B. A</i> .....S
Sencenbach, C. F., <i>M</i> .....S	Yeager, M. R., <i>H-S</i> .....A
Shelley, E. E., <i>H-S</i> .....S	Young, A. B., <i>M</i> .....S
Smith, J. M., Jr., <i>B. A</i> .....S	Youngken, F. E., <i>M-L</i> .....S
Snellinger, D. J., <i>M-L</i> .....A	
Stauffer, D. L., <i>H-S</i> .....S	
Sutton, A., <i>C-B</i> .....S	
Taylor, O. E., <i>E</i> .....A	
Trout, I. B., <i>E</i> .....S	

## SPECIAL COURSES

Geller, F., *C-B*  
 Goodman, A.  
 Wismer, B. H.

## GENERAL SUMMARY, 1933-34

## STUDENTS IN THE COLLEGE

The Classics Group .....	5	
The Mathematics Group .....	47	
The Chemistry-Biology Group .....	107	
The History-Social Science Group ...	102	
The English Group .....	59	
The Modern Languages Group .....	41	
The Business Administration Group ..	42	
The Physical Education Group .. ...	38	
Special Courses .....	3	
	<hr/>	444
Students in Music .....	55	
	<hr/>	499
Deduct for Names Repeated .....	54	
	<hr/>	
Total .....		445

# PRIZES, HONORS AND DEGREES

Awarded in 1932-1933

## PRIZES

- THE PHILIP H. FOGEL MEMORIAL PRIZE—Alfred Leon Creager.  
THE E. L. WAILES MEMORIAL PRIZE—Paul Rickert Shelly.  
THE ROBERT TRUCKSESS PRIZE—H. Ober Hess, Floyd Erwin Heller.  
THE PAISLEY PRIZE FOR MEN—Robert DeRial Pease.  
THE PAISLEY PRIZE FOR WOMEN—Frances Rebecca Gray.  
THE ELIZABETH ROCKEFELLER MCCAIN PRIZE—William Tempest, Mildred Fox, Margaret Shively.  
THE BOESHORE PRIZES—Elbert Kermit Harbaugh, Paul Rickert Shelly.  
THE LENTZ PRIZE—Sarah Helene Myers, Elmer W. J. Schmitt.  
THE DUTTERA PRIZE—Gilbert J. Bartholomew.  
THE URSINUS WOMAN'S CLUB PRIZE—Rhea May Wheatley.  
THE URSINUS CIRCLE PRIZE—Louella Ely Mullin.  
THE VARSITY CLUB TROPHY—Class of 1935.  
THE PRESIDENT'S AWARD—John Garrett Eachus, Claude William Lodge.  
OPEN SCHOLARSHIP AWARDS:  
    Walter T. Boyer  
    Charles H. Edwards  
    H. King Heiges

## HONORS

### DEPARTMENT HONORS

- ENGLISH—Muriel Eleanor Ingram.  
HISTORY—Eugene Herbert Miller.  
PHYSICS—Clinton Robert Bigelow.  
PSYCHOLOGY—Clair Edward Hubert.  
POLITICAL SCIENCE—Charles Henry Gompert, Jr., Floyd Erwin Heller, Jr., H. Ober Hess.

### GRADUATION HONORS

- VALEDICTORY—Eugene Herbert Miller.  
SALUTATORY—Muriel Eleanor Ingram.



## DEGREES

DOCTOR OF LAWS (Honorary)—James Noble Rule.

DOCTOR OF SCIENCE (Honorary)—Theodore Sherwood Rowland, Guillian H. Clamer, Ernest Carl Wagner.

DOCTOR OF DIVINITY (Honorary)—Wayne Channel, Howard Edgar Bodder, Dallas Rhinehart Krebs.

BACHELOR OF ARTS, *Magna Cum Laude*—H. Ober Hess, Muriel Eleanor Ingram, Eugene Herbert Miller.

BACHELOR OF ARTS, *Cum Laude*—Floyd Erwin Heller, Audrey Reba Unruh.

BACHELOR OF SCIENCE, *Cum Laude*—Clinton Robert Bigelow, Leon Freyman, Daniel Clark Sautter, William Mercer Steele.

BACHELOR OF ARTS—Alfred Charles Alspach, Mary Gretchen Brendle, Margaret Schofield Deger, Margaret Angelina Fiamingo, Anna Pauline Glessner, Frances Rebecca Gray, Charlotte Marie Gross, Mary Elizabeth Harvey, Dorothy Walters Kehs, Bertha Margaret Laros, Iris Olive Lutz, Esther Hodg McClure, Grace McCoy Meyer, Louella Ely Mullin, Eveline Beaver Omwake, James Edwin Palm, Alice Louise Smith, Charlotte Leonora Smith, Helen Lovenia Van Sciver, Harriet Cregar Warne, Jerome Arthur Wenner, Rhea Mae Wheatley.

BACHELOR OF SCIENCE—Bertrace Marea Ash, Jeannette Baker, Naaman Freeman Barr, Anna Morton Brady, Robert Clemens Bucher, James Philip Citta, Philip Lembo Costa, Alfred Leon Creager, Joseph Hendricks Diehl, Katherine Ernestine Dimler, John Garrett Eachus, Jr., Frederick John Faux, Harold Evans Fisher, Mary Francis, Tamar Elmira Gilfert, Mary Helene Gohs, Charles Henry Gompert, Jr., Rena Belle Grim, Edith Henderson, Austin Cadwallader Hill, Clair Edward Hubert, Charles J. H. Kraft, William Fred Lawrence, Benjamin Francis Lee, Jr., Victor Herbert Levin, Claude William Lodge, Miriam Virginia Miller, Kermit Brown Mohn, Elmer Manuel Morris, Huldah Emma Myers, Coreta Meckley Nagle, Adolph Franz Paris, Aram Yervant Parunak, Robert De Rial Pease, Harry Harvey Pote, John Reese, Howard Chester Robbins, Jack Ferris Robbins, Norman Rodney Roberts, Rebecca Estella Romberger, Mary Emeline Rothenberger, Harvey William Scholl, Thomas Henry Slotterer, Gerald Laverne Smeigh,

William Tomlin Snagg, Benjamin Franklin Souders, Paul Franklin Steinman, Ralph Wesley Sumpman, William Horace Swearer, Evelyn Matilda Umholtz, Gladys Staats Urich, Ida Elizabeth Wagner, Edith Walters, William Michael Weis, Walter Nathaniel Welsh, Ruth Eva White, Wilhelmina Regina White, Bernard Benjamin Zamostien, Anthony Vincent Ziccardi.

BACHELOR OF ARTS (As of the Class of '32)—Gilbert Rainey Kugler.

BACHELOR OF SCIENCE (As of the Class of '32)—Shinzo Nakai.

## ALUMNI ORGANIZATIONS

### THE ALUMNI ASSOCIATION

Graduates of the College and all persons admitted to a degree higher than the first in the institution are eligible to active membership. Non-graduate former students may become associate members.

The Association is entitled to a representation of five members in the Board of Directors. These members are nominated by the Association and serve five years.

### OFFICERS FOR 1933-1934

*President*—WALLACE C. SAVAGE, '19, Philadelphia

*Vice-President*—FLORENCE A. BROOKS, '12, Palmyra, N. J.

*Secretary and Treasurer*—REV. CALVIN D. YOST, D.D., '91, Collegeville, Pa.

*Historian*—REV. CARL G. PETRI, '00, Skippack, Pa.

### URSINUS ALUMNI ASSOCIATION OF HARRISBURG

*President*—HERMAN S. SHELLEY, '99, Lancaster, Pa.

*Vice-President*—HENRY J. HERBER, '11, Lebanon, Pa.

*Secretary and Treasurer*—ELMER C. HERBER, A.M., '25, Carlisle, Pa.

### URSINUS ALUMNI ASSOCIATION OF YORK

*President*—JOHN KERN MCKEE, '98, York, Pa.

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*Secretary*—NETTIE B. BOYER, '25, Masonic Temple, Allentown, Pa.

*Treasurer*—FLOYD E. HELLER, '07, Bethlehem, Pa.

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*Secretary*—HELEN GRONINGER, '24, 210 W. 104th Street, New York.

*Acting Secretary*—W. S. ROSENBERGER, '24, 30 Charlton Street, New York.

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*President*—IRA J. HAIN, M.D., '08, Reading, Pa.

*Vice-President*—HORACE L. CUSTER, '07, Reading, Pa.

*Secretary*—MARY H. OBERLIN, '29, Birdsboro, Pa.

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*President*—ARTHUR C. FAUST, '28, Philadelphia, Pa.

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*Secretary*—JOHN C. MARKLEY, '24, Schwenksville, Pa.

*Treasurer*—STANLEY OMWAKE, '31, Collegeville, Pa.

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*Vice-President*—MARGARET F. BOOKMAN, '22, Norristown, Pa.

*Secretary*—GLADYS M. BARNES, '30, Collegeville, Pa.

*Treasurer*—MRS. LOIS HOOK BROWNBAC, '20, Trappe, Pa.

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